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TABLE OF CONTENTS.

Officers 1930–31 2
Council 1930–31 2
Board of Investigation and Coördination 3
Divisions of the Society 4
Sections and Branches 5
Membership and Duties of Committees of the Society 6
List of Institutional Members 9
List of Individual Members 16
Recipients of Lamme Medal 120
Geographical Distribution of Membership 123
Growth of Membership 142
Meetings of the Society 143
Administrative 145
Occupational Distribution of Membership 157
Summer Schools for Engineering Teachers 157
Constitution 158
By-Laws 162
List of Past Officers 163
List of Members of Previous Councils 165

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SOUTHERN METHODIST UNIVERSITY, Dallas, Texas, C. C. Selecman, President, *E. H. Flath, Dean and Representative* 1929

SPEED SCIENTIFIC SCHOOL OF UNIVERSITY OF LOUISVILLE, Louisville, Ky., Raymond A. Kent, President, *B. M. Brigman, Dean and Representative* 1925

STANFORD UNIVERSITY, Stanford University, Calif., *T. J. Hoover, Dean and Representative* 1917

STEVENS INSTITUTE OF TECHNOLOGY, Hoboken, N. J., Harvey N. Davis, President, Franklin DeR. Furman, Dean, *Wm. R. Halliday, Representative* 1913

SWARTHMORE COLLEGE, Swarthmore, Pa., Frank Aydelotte, President, *C. G. Thatcher, Representative* 1921

SYRACUSE UNIVERSITY, Syracuse, N. Y., Charles W. Flint, Chancellor, *Louis Mitchell, Dean and Representative* 1913

TENNESSEE UNIVERSITY, Knoxville, Tenn., Harcourt A. Morgan, President, *C. E. Ferris, Dean and Representative* 1921

A. & M. COLLEGE OF TEXAS, College Station, Tex., Thomas O. Walton, President, *F. C. Bolton, Dean and Representative* 1916

UNIVERSITY OF TEXAS, Austin, Tex., H. Y. Benedict, President, *T. U. Taylor, Dean and Representative* 1919

TOLEDO, UNIVERSITY OF THE CITY OF, Toledo, O., Henry J. Doermann, President, *I. F. Zarobsky, Representative* 1915

UNIVERSITY OF TORONTO, Toronto, Ont., Canada, R. A. Falconer, President, C. H. Mitchell, Dean, *Albert L. Laing, Representative* 1917

TULANE UNIVERSITY OF LOUISIANA, New Orleans, La., Albert B. Dinwiddie, President, *D. S. Anderson, Dean and Representative* 1921

TUFTS COLLEGE, Tufts College, Mass., John Albert Cousens, President, *Geo. P. Bacon, Dean and Representative* 1914

UNIVERSITY OF UTAH, Salt Lake City, Utah, George Thomas, President, *R. B. Ketchum, Dean and Representative* 1914

VANDERBILT UNIVERSITY, Nashville, Tenn., J. H. Kirkland, Chancellor, *W. H. Schuerman, Dean and Representative* 1914

UNIVERSITY OF VERMONT, Burlington, Vt., Guy W. Bailey, President, *J. W. Votey, Dean and Representative* 1915

VILLANOVA COLLEGE, Villanova, Pa., James H. Griffin, President, *C. T. Humphrey, Dean and Representative* 1921

VIRGINIA POLYTECHNIC INSTITUTE, Blacksburg, Va., Julian A. Burruss, President, *E. B. Norris, Dean and Representative* .. 1924

UNIVERSITY OF VIRGINIA, University, Va., Edwin A. Alderman, President, *J. L. Newcomb, Dean and Representative* 1915

WASHINGTON UNIVERSITY, St. Louis, Mo., George R. Throop, Chancellor, *A. S. Langsdorf, Dean and Representative* 1914

WASHINGTON AND LEE UNIVERSITY, Lexington, Va., Francis P. Gaines, President, James L. Howe, Dean, *W. T. Lyle, Representative* 1924

STATE COLLEGE OF WASHINGTON, Pullman, Wash., E. O. Holland, President, *H. V. Carpenter, Dean and Representative* 1924

UNIVERSITY OF WASHINGTON, Seattle, Wash., Matthew Lyle Spencer, President, R. G. Tyler, Dean, *A. L. Miller, Representative* ... 1913

WENTWORTH INSTITUTE, Boston, Mass., F. E. Dobbs, Principal... 1917

SCHOOL OF ENGINEERING AND MINING, University of Western Australia, Perth, Western Australia, H. I. Whitefield, Dean..... 1923

WESTINGHOUSE TECHNICAL NIGHT SCHOOL, East Pittsburgh, Pa., A. B. Gibson, Manager 1924

UNIVERSITY OF WISCONSIN, Madison, Wis., Glenn Frank, President, *F. E. Turneaure, Dean and Representative* 1914
WORCESTER POLYTECHNIC INSTITUTE, Worcester, Mass., Ralph Earle, President, *A. W. Duff, Representative* 1913
UNIVERSITY OF WYOMING, Laramie, Wyo., A. G. Crane, President, *R. L. Rhoads, Dean and Representative* 1925
Total Institutional Members 120

LIST OF INDIVIDUAL MEMBERS.

Revised to November 1, 1930.

ABBOTT, RAYMOND B., Assistant Professor of Physics, Purdue University, Lafayette, Ind. 1928

ABBOTT, ROBINSON, Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1919

ABBOTT, THOS. A., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1928

ABELL, ASHEL C., Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1929

ADAMS, COMFORT, A., Abbott and James Lawrence Professor of Engineering, Harvard Engineering School, Cambridge, Mass. 1894

ADAMS, F. J., Assistant Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1912

ADAMS, OTTO V., Associate Professor of Civil Engineering, Texas Technological College, Lubbock, Texas 1930

ADAMS, THOMAS C., Associate Professor of Civil Engineering, University of Utah, Salt Lake City, Utah 1930

AGG, THOMAS R., Assistant Dean, Director of Engineering, Professor of Highway Engineering, Iowa State College, Ames, Iowa 1923

AHLQUIST, ROBERT W., Instructor in Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1929

AITKENHEAD, WM., Professor of Agricultural Engineering, Purdue University, Lafayette, Ind. 1924

AKELEY, L. E., Dean of the College of Engineering and Professor of Physics, University of South Dakota, Vermillion, S. D. (*Member of Council, 1930–33.*) 1910

ALBERT, ARTHUR L., Assistant Professor of Electrical Engineering, Oregon Agricultural College, Corvallis, Ore. 1929

ALDRICH, WM. S., American Bridge Co., M. M. Dept., 611 McKinley Ave., Gary, Ind. 1893

ALEXANDER, MAGNUS W., President, National Industrial Conference Board, 247 Park Avenue, New York City. (*Member of Council, 1922–5.*) 1911

ALEXANDER, WILLIAM T., Instructor in Mechanical Engineering, Northeastern University, Boston, Mass. 1929

ALFORD, LEON P., Vice President, Ronald Press Company, 15 East 26th Street, New York, N. Y. 1928

ALGER, PHILIP L., Assistant to Engineering Vice-President, General Electric Company, Schenectady, N. Y. 1925

ALGREN, AXEL B., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1929

ALLEN, C. FRANK, Retired, 88 Montview St., West Roxbury, Mass. (*President, 1903–4; Secretary, 1895–7; Vice President, 1898–9; Member of Council since 1895.*) 1893

ALLEN, CHARLES L., Assistant Professor of Mechanical Engineering, The Pennsylvania State College, State College, Pa..... 1928

ALLEN, CHESTER, Professor and Head, Dept. of Civil Engineering, Michigan State College, East Lansing, Mich. 1917

ALLEN, C. M., Professor of Hydraulic Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1903

ALLEN, F. G., Professor of General Engineering Drawing, University of Colorado, Boulder, Colo. 1913

ALLISON, WILLIAM H., Assistant Professor of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1928

ALVORD, HENRY B., Professor of Civil Engineering, Northeastern University, Boston, Mass. 1925

AMIDON, LEE L., Instructor in Steam and Experimental Engineering, West Virginia University, Morgantown, W. Va. 1928

ANANTHANARAYANAN, S., Principal, School of Civil Engineering, 10, Pandadimal, Andar Street, Teppakulam Post, Trichinopoly, India 1929

ANDERSON, C. A., Assistant Professor of Electrical Engineering, Junior College, University of Pittsburgh, Johnstown, Pa. .. 1926

ANDERSON, D. S., Professor of Electrical Engineering, Dean of the College of Engineering, Tulane University, New Orleans, La. (*Member of Council 1926–9.*) 1900

ANDERSON, EDWARD, Associate Professor of Petroleum Production, University of Tulsa, Tulsa, Okla. 1928

ANDERSON, HERBERT J., 102 E. Chestnut Street, Chicago, Ill. 1928

ANDERSON, H. W., Assistant Professor of Electrical Engineering, University of Kansas, Lawrence, Kans. (Mass. Inst. Tech., Cambridge, Mass., 1930–31.) 1925

ANDERSON, JAMES A., Professor of Civil Engineering, Virginia Military Institute, Lexington, Va. 1922

ANDERSON, ROBERT M., Emeritus Professor of Mechanical Engineering, Stevens Institute of Technology; Guilford Road, Circleville, Ohio 1926

ANDERSON, STEWART W., Professor of Electrical Engineering, Virginia Military Institute, Lexington, Va. 1921

ANDERSON, WILLIAM, Professor of Physics and Electrical Engineering, Rhode Island State College, Box 74, Kingston, R. I..... 1910

ANDREWS, CARL B., Professor of Engineering, University of Hawaii, Honolulu, T. H. 1925

ANTHONY, G. C., Dean Emeritus, Engineering School, Tufts College, 5475 Cabanne St., St. Louis, Mo. (*President, 1913–4; Vice President, 1911–2; Member of Council, 1913–.*) 1896

ANTHONY, RICHARD L., Instructor in Mechanical Engineering, Yale University, New Haven, Conn. 1929

APPLEBY, W. R., Dean, School of Mines and Metallurgy, University of Minnesota, Minneapolis, Minn. 1913

ARCHIBALD, FRANK, Instructor in Mechanical Engineering, Rhode Island State College, Kingston, R. I. 1922

ARCHIBALD, LEON, Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn 1919

ARDUSER, LEON P., Assistant Education Director, Brooklyn Central Y. M. C. A., Brooklyn, N. Y. 1925

ARMSBY, HENRY H., Registrar and Student Advisor, Missouri School of Mines and Metallurgy, Rolla, Mo. 1917

ARNOLD, BION J., Consulting Electrical Engineer, 585 W. Washington Blvd., Chicago, Ill. 1906

ARNOLD, DEAN M., Assistant Dean in Charge of Freshmen, Instructor in Mathematics, Duke University, Durham, N. C. 1928

ARNOLD, JAMES L., Professor of Electrical Engineering, New York University, New York City 1924

ASHTON, C. H., Professor of Mathematics, University of Kansas, Lawrence, Kans. 1915

ATKINSON, ALBERT A., Professor of Physics and Electrical Engineering, Ohio University, Athens, Ohio 1927

ATTWOOD, STEPHEN S., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1926

AULICH, WITOLD M., Lecturer in Mechanical Engineering, Polytechnic of Lwow, ul. Dunin-Borkowskich 2, Lwow, Poland .. 1930

AULT, E. STANLEY, Associate Professor of Machine Design, Case School of Applied Science, Cleveland, Ohio 1925

AUTENREITH, GEORGE C., Associate Professor of Machine Design and Mechanical Drawing, College of the City of New York, New York City 1927

AVRAM, MOIS H., President, M. H. Avram Engineering Corp., 120 Wall Street, New York City 1926

AXMAN, ERNEST, Instructor in Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926

AYARS, WILLIAM S., Associate Professor of Industrial Engineering, Columbia University, New York City 1928

AYER, FRED. E., Dean, College of Engineering and Commerce, University of Akron, Akron, O. 1907

AYRES, QUINCY C., Associate Professor in charge of Drainage and Irrigation Engineering, Iowa State College, Ames, Iowa ... 1926

BABBITT, HAROLD E., Professor of Sanitary Engineering, University of Illinois, Urbana, Ill. 1922

BABCOCK, JOHN B., Professor of Railway and Highway Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1923

BACKER, LESLIE H., Associate Professor of Chemistry, Stevens Institute of Technology, Hoboken, N. J. 1930

BACON, G. M., State Engineer of Utah, State Capitol, 86 B Street, Salt Lake City, Utah 1907

BACON, GEORGE P., Dean of Engineering, Professor of Physics, Tufts College, Tufts College, Mass. 1922

BAENDER, F. G., Professor and Head, Department of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1928

BAGLEY, JOHN B., Professor and Head, Dept. Textile Engineering, A. & M. College of Texas, College Station, Tex. 1923

BAILEY, BENJ. F., Professor and Head, Dept. of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1920

BAILEY, CHARLES F., Engineer Director, Newport News Shipbuilding and Dry Dock Company, Newport News, Va. 1928

BAILEY, NEIL P., Associate Professor of Mechanical Engineering, University of North Carolina, Chapel Hill, N. C. 1930

BAIRD, CHARLES O., JR., Instructor in Civil Engineering, Northeastern University, Boston, Mass. 1926

BAIRD, RALPH W., Assistant Professor of Agricultural Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1926

BAKER, CHESTER P., Associate Professor of Chemical Engineering, Northeastern University, Boston, Mass. 1926

BAKER, DOUGLAS, Instructor in Mechanical Drawing, Newark College of Engineering, Newark, N. J. 1926

BAKER, ELLIS C., Professor in charge, Dept. of Mechanical Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1925

BAKER, RAY P., Head, Dept. Arts, Science and Business Administration, Rensselaer Polytechnic Institute, Troy, N. Y. 1919

BAKER, THOMAS S., President, Carnegie Institute of Technology, Pittsburgh, Pa. 1923

BALDWIN, LEO S., 619 State Street, Milwaukee, Wis. 1930

BALDWIN, ORVAL J., Instructor in Engineering Drawing, University of Iowa, Iowa City, Iowa 1929

BALL, ALBERT, Professor of Physics, Cooper Union, New York, N. Y. 1908

BALL, MAX W., Petroleum Engineer, First National Bank Building, Denver, Colo. 1924

BALL, THOMAS F., Head, Department of Electrical Engineering, University of South Carolina, Columbia, S. C. 1928
BALLARD, W. C., JR., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1923
BALMFORD, J. ARTHUR, Instructor in Electrical Engineering, Columbia University, New York City 1929
BANGRATZ, ERNEST G., Instructor, Electrical Engineering Dept., Massachusetts Institute of Technology, Cambridge, Mass.... 1922
BANTEL, E. C. H., Professor of Civil Engineering, Assistant Dean, College of Engineering, University of Texas, Austin, Tex.... 1925
BARBA, C. E., Mechanical Engineer, Boston and Maine R. R., North Billerica, Mass. 1915
BARCLAY, STANTON D., Instructor in Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1926
BARKER, CHARLES L., Instructor in Mathematics and Hydraulics, University of Minnesota, Minneapolis, Minn. 1928
BARKER, JOSEPH W., Dean of Engineering, Columbia University, New York, N. Y. 1926
BARLOW, WILLIAM E., Professor of Metallurgy and Metallography, Virginia Polytechnic Institute, Blacksburg, Va. 1910
BARNARD, W. N., Professor of Heat Power Engineering, Cornell University, Ithaca, N. Y. (*Member of Council, 1923–6.*).... 1910
BARNES, F. A., Director, School of Civil Engineering, Professor of Railroad Engineering, Cornell University, Ithaca, N. Y..... 1904
BARNES, GEORGE E., Designing Engineer, Fuller and McClintock, 170 Broadway, New York, N. Y. 1924
BARNES, RALPH M., Associate Professor of Industrial Engineering, State University of Iowa, Iowa City, Iowa 1929
BARNETT, BRINKLEY, Assistant Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1929
BARNEY, EDGAR S., Principal, Hebrew Technical Institute, 36 Stuyvesant St., New York, N. Y. 1912
BARNEY, S. E., Assistant Professor of Civil Engineering, Yale University, New Haven, Conn. 1894
BARRETT, SAMPSON K., Director, Evening Engineering Section; Professor of Illuminating Engineering, New York University, New York City 1928
BARROW, ASA C., Assistant Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1928
BARROWS, H. K., Professor of Hydraulic Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1902
BARROWS, W. E., JR., Professor of Electrical Engineering, University of Maine, Orono, Me. 1908
BARTLETT, GEORGE M., Associate Professor of Machine Design, Purdue University, Lafayette, Ind. 1928

BARTOW, EDWARD, Professor and Head, Department of Chemistry and Chemical Engineering, State University of Iowa, Iowa City, Ia. 1921

BASHIOUM, HARRISON C., Professor and Head, Dept. of Chemical Engineering, University of Pittsburgh, Pittsburgh, Pa..... 1920

BASON, GEORGE F., Professor and Head, Department of Electrical Engineering, University of North Carolina, Chapel Hill, N. C. 1929

BASS, FREDERIC, Chairman, Department of Civil Engineering, University of Minnesota, Minneapolis, Minn. (*Member of Council 1918–21.*) 1908

BATCHELDER, DEAN E., Assistant Professor of Electrical Engineering, State Agricultural College, Fort Collins, Colo. 1930

BATEMAN, GEORGE F., Professor in Charge, Dept. Mechanical Engineering, Cooper Union, New York City 1925

BATES, ONWARD, Civil Engineer, Retired, 934 Johns Road, Augusta, Ga. 1903

BAUER, F. S., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1914

BAUER, PAUL, Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1930

BAUER, W. C., Dean and Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1910

BAUM, HARRY, Associate Professor of Electrical Engineering, College of the City of New York, New York City 1927

BAVLY, DAVID M. 1927

BAXTER, ROBERT A., Associate Professor of Chemistry, Colorado School of Mines, Golden, Colo. 1925

BEACH, ROBIN, Acting Head, Dept. of Electrical Engineering, The Polytechnic Institute of Brooklyn, Director of Education, Brooklyn Edison Co., Inc., Brooklyn, N. Y. 1917

BEALE, FRANK S. 1922

BEAN, HAROLD E., Instructor in Pattern Making, Pratt Institute, Brooklyn, N. Y. 1929

BEAVER, J. L., Associate Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1914

BECK, FRED J., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1929

BEEBE, GORDON A., Assistant Professor of Civil Engineering, South Dakota State School of Mines, Rapid City, S. D. 1929

BEECKEL, HERMANN C., Instructor in Civil Engineering, Union College, Schenectady, N. Y. 1930

BEGG, ROBERT B. H., Professor of Civil Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1927

BEGGS, G. E., Professor of Civil Engineering, Princeton University, Princeton, N. J. 1915

BEITLER, SAMUEL R., Assistant Professor of Mechanical Engineering. The Ohio State University, Columbus, Ohio 1926
BELZ, CHARLES J., Assistant Professor of Civil Engineering, University of Dayton, Dayton, Ohio 1929
BENEDICT, H. Y., President, University of Texas, Austin, Texas.. 1906
BENEDICT, OTIS, JR., Instructor in Foundry Practice, Pratt Institute, Brooklyn, N. Y. 1929
BENNETT, C. RALPH, Instructor in English, University of Cincinnati, Cincinnati, Ohio 1925
BENNETT, DONALD M., Associate Professor of Physics, University of Louisville, Louisville, Ky. 1927
BENNETT, EDW., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. (*Member of Council, 1923–6; Vice President, 1929–30.*) 1909
BENTLEY, WALTER J., Assistant Professor of Chemical Engineering, Armour Institute of Technology, Chicago, Ill. 1923
BERARD, SAMUEL J., Associate Professor of Engineering Drawing, Brown University, Providence, R. I. 1912
BERESFORD, HOBART, Professor and Head, Department of Agricultural Engineering, University of Idaho, Moscow, Idaho 1929
BERG, E. J., Professor of Electrical Engineering, Union University, Schenectady, N. Y. 1910
BERGEN, HAROLD B., Director of Industrial Relations, The Procter & Gamble Company, Ivorydale, Ohio 1929
BERGER, FRANZ A., Associate Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1924
BERGMAN, ELMER O., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1926
BERNARD, MIGUEL, Head, Technical Bureau, Education Department, Mexican Government, Gelati 17, Tacubaya, D. F., Mexico 1925
BERRY, C. HAROLD, Professor of Mechanical Engineering, Harvard University, Cambridge, Mass. 1928
BERRY, CHARLES W., Professor of Heat Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1926
BERRY, EDWARD F., Associate Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1928
BERRY, H. C., Professor of Materials of Construction, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1923–6.*) 1916
BERRY, W. J., Professor and Head, Department of Mathematics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1910
BERTHET, CHARLES, Instructor in Mathematics, University of Detroit, Detroit, Mich. 1927

BETTS, ROBERT A., Assistant Professor of Electrical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1928

BEVAN, W. A., Professor of Aeronautical Engineering, Iowa State College, Ames, Iowa 1915

BEYER, ALBIN H., Professor of Civil Engineering, Columbia University, New York City 1929

BEYER, EDMOND W., Instructor in Civil Engineering, Union College, Schenectady, N. Y. 1929

BIBBER HAROLD W., Electrical Engineeer, General Electric Co., Schenectady, N. Y. 1922

BIDWELL, CHARLES C., Professor of Physics, Lehigh University, Bethlehem, Pa. 1927

BIEGLER, PHILIP S., Dean College of Engineering, Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1925

BIGELOW, ROYAL G., Assistant Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1922

BILLINGS, J. HARLAND, Professor of Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1919

BILLMYER, CARROLL D., Supt. of Construction and Assistant Professor of Engineering, Rhode Island State College, Kingston, R. I. 1917

BIRD, H. C., Professor and Head of Civil and Mechanical Engineering, Duke University, Durham, N. C. 1914

BIRD, R. M., Professor of Chemistry, University of Virginia, University, Va. 1915

BIRK, W. OTTO, Professor of English, University of Colorado, Boulder, Colo. 1920

BISHOP, C. T., Associate Professor of Structural Engineering, Yale University, New Haven, Conn. 1912

BISHOP, F. L., Professor of Physics, University of Pittsburgh, Pittsburgh, Pa. (Life Member.) (*Secretary, 1914–; Member of Council, 1912–; Secretary, Board of Investigation and Coordination, 1922–.*) 1907

BISSELL, G. W., Emeritus, Dean of Engineering, Michigan State College, P. O. Box 116, Monrovia, Calif. (*Member of Council, 1899–02; 1910–13.*) 1894

BLACK, HAYSE, H., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1929

BLACK, R. M., Professor and Head, Department of Mining, University of Pittsburgh, Pittsburgh, Pa. 1912

BLACKBURN, HENRY W., Assistant Professor of Experimental Engineering, Syracuse University, Syracuse, N. Y. 1928

BLAISDELL, A. H., Associate Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1921

BLAKE DOUGLAS, Snohomish, Wash. 1929
BLAKE, FREDERIC C., Professor of Physics, The Ohio State University, Columbus, O. 1918
BLAKESLEE, BERT N., Professor of Architecture, University of Detroit, Detroit, Mich. 1926
BLALOCK, GROVER C., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1918
BLANCHARD, A. H., Consulting Highway Engineer, 213–215 Richardson Building, Toledo, Ohio. (*Member of Council, 1916–9.*) 1902
BLISS, COLLINS P., Dean, and Professor of Mechanical Engineering, New York University, University Heights, New York City ... 1915
BLISS, HOWARD H., Director of Engineering, Riverside Junior College, Riverside, Calif. 1923
BLISS, WILLIAM D., President, Bliss Brothers Tool Company, 590 Second St., Milwaukee, Wis. 1926
BLISS, ZENAS R., Assistant Professor of Applied Mechanics, Brown University, Providence, R. I. 1927
BLUMBERG, LEO, Associate Professor of Mechanical Engineering, University of Delaware, Newark, Del. 1922
BOARDMAN, H. P., Professor of Civil Engineering, Director, Engineering Experiment Station, University of Nevada, Reno, Nev. 1914
BOARDMAN, H. S., President, University of Maine, Orono, Me. (*President, 1930–31; Vice President, 1923–4; Member of Council, 1919–24; 1930–.*) 1903
BOASE, A. J., Professor of Civil Engineering, Pennsylvania Military College, Chester, Pa. 1924
BOGGS, ROBERT W., Mechanical Engineer, Union Carbide Company, 205 East 42d Street, New York City 1929
BOHL, LEIGHTON T., Associate Professor of Civil Engineering, Brown University, Providence, R. I. 1926
BOLE, GEORGE A., Research Professor of Ceramic Engineering, The Ohio State University, Columbus, Ohio 1928
BOLLER, SAMUEL J., JR., Assistant Professor of Engineering Drawing, Texas Technological College, Lubbock, Texas 1925
BOLTON, F. C., Dean, School of Engineering, Professor of Electrical Engineering, A. and M. College of Texas, College Station, Texas. (*Member of Council, 1919–22.*) 1910
BOOMSLITER, G. P., Professor of Mechanics, West Virginia University, Morgantown, W. Va. 1912
BOON, LEONARD F., Assistant Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1922
BOOTH, JAMES L., Instructor in Mechanics, University of Nebraska, Lincoln, Nebr. 1928
BOOTHROYD, S. L., Professor of Astronomy and Geodesy, Cornell University, Ithaca, N. Y. 1908

BORDNER, EARL R., Assistant Professor of Physics, Pennsylvania State College, State College, Pa. 1926
BORING, MAYNARD M., Industrial Service Dept., General Electric Co., Schenectady, N. Y. 1922
BOSE, SURENDRA N., Assistant Chief Electrical Engineer, The Tata Iron and Steel Co., Ltd., Jamshedpur, via. Tatanagar, B. N. Rly., India 1927
BOSTON, ORLAN W., Professor of Shop Practice, Director, Engineering Shops, University of Michigan, Ann Arbor, Mich..... 1921
BOSS, WILLIAM, Professor and Chief, Division of Agricultural Engineering, University of Minnesota, St. Paul, Minn..... 1925
BOUCHARD, HARRY, Professor of Railway Engineering, Pei Yeng University, Tientsin, China 1921
BOURKE, NORMAN T., Professor and Head, Dept. of Mechanical Engineering, University of North Dakota, Grand Forks, S. D. 1926
BOWERSOX, ERWIN R., Associate Professor of Physics and Acting Head of Dept., Butler University, Indianapolis, Ind. 1928
BOWLER, EDMOND W., Associate Professor and Acting Head, Department of Civil Engineering, University of New Hampshire, Durham, N. H. 1923
BOWMAN, HARRY L., Professor of Civil Engineering, Drexel Institute, 228 So. 50th St., Philadelphia, Pa. 1922
BOWMAN, HENRY T., Instructor in Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1929
BOWMAN, JOHN G., Chancellor, University of Pittsburgh, Pittsburgh, Pa. 1923
BOYCE, EARNEST, Associate Professor of Civil Engineering, University of Kansas, Lawrence, Kans..... 1924
BOYD, ALFRED, Professor of Civil Engineering, University of North Dakota, Grand Forks, N. D. 1909
BOYD, EDWARD P. 1924
BOYD, JAMES E., Professor of Mechanics, The Ohio State University, Columbus, O. (*Member of Council, 1911–4.*) 1907
BOYER, AURELIEN, Principal, Ecole Polytechnique, Montreal, Canada 1930
BOYLE, ROBERT W., Professor of Physics and Dean of the Faculty of Applied Science, University of Alberta, Edmonton, Canada 1923
BOYLSTON, HERBERT M., Professor of Metallurgy, Case School of Applied Science, Cleveland, O. 1921
BRACKETT, B. B., Professor of Electrical Engineering, University of South Dakota, Vermillion, S. D. 1906
BRACKETT, ELMER E., Professor of Agricultural Engineering, Chairman of Dept., University of Nebraska, Lincoln, Neb. ... 1920
BRACKETT, R. D., Instructor in English, University of Michigan, Ann Arbor, Mich. 1923

BRADEN, CLARENCE C., Box 472, Jefferson, Texas 1923
BRADFIELD, LANDIS R., Instructor in Social Sciences, Fenn College, Cleveland, Ohio 1930
BRADFORD, J. N., Professor of Architecture and University Architect, The Ohio State University, Columbus, O. 1896
BRADLEY, HARRY C., Associate Professor of Drawing and Descriptive Geometry, Massachusetts Institute of Technology, Cambridge, Mass. 1930
BRAGG, EDWARD M., Professor of Naval Architecture and Marine Engineering, University of Michigan, Ann Arbor, Mich. 1920
BRAGONIER, ARTHUR T., Associate Professor of Applied Mathematics, Marshall College, Huntington, W. Va. 1926
BRAINARD, BOYD B., 15 Lee St., Cambridge, Mass. 1926
BRANDEBERRY, JOHN B., Professor of Mathematics, University of Toledo, Toledo, O. 1923
BRANDES, FRED C., City Plan Engineer, 112 Mamaroneck Road, White Plains, N. Y. 1920
BRANIGAN, GEORGE F., Instructor in Machine Design, Kansas State Agricultural College, Manhattan, Kansas 1929
BRANN, BERTRAND F., Associate Professor of Chemistry, University of Maine, Orono, Me. 1926
BRATTIN, C. L., Assistant Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1928
BRAUNE, G. M., Dean, School of Engineering, University of North Carolina, Chapel Hill, N. C. (*Member of Council, 1925–8; Vice President, 1928–9.*) 1914
BRAUTLECHT, C. A., Professor of Chemistry and Chemical Engineering, University of Maine, Orono, Me. 1922
BRAY, JOHN L., Professor of Metallurgy, Purdue University, Lafayette Ind. 1925
BRAY, PAUL D., Associate Professor of Chemistry, University of Maine, Orono, Me. 1926
BRECKENRIDGE, L. P., Professor Emeritus of Mechanical Engineering, Sheffield Scientific School; The Brackens, North Ferrisburg, Vt. (*Member of Council, 1908–11; 1915–8.*) 1893
BREED, CHARLES B., Professor of Railway and Highway Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1904
BREEDLOVE, L. B., Assistant to the President, Middle West Utilities Co., 20 North Wacker Drive, Chicago, Ill. 1925
BRENKE, WILLIAM C., Professor of Mathematics, University of Nebraska, Lincoln, Nebr. 1929
BRENNEMAN, JESSE L., Professor of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kansas 1929
BREWER, ALEXANDER V., Associate Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas .. 1929

BRIDGE, L. R., Test Engineer, Du Pont Ammonia Corporation, Belle, W. Va. 1929

BRIGHTMAN, CHARLES L., Professor of Physics, Syracuse University, Syracuse, N. Y. 1928

BRIGMAN, BENNETT M., Dean, Speed Scientific School, University of Louisville, Louisville, Ky. (*Member of Council, 1925–8.*) 1923

BRILL, PHILIP B., Lecturer in Industrial Management, (Associate Professor) Yale University, New Haven, Conn. 1927

BRISTOL, FRANK J., Instructor in Electrical Engineering, Cornell University, Ithaca, N. Y. 1929

BRITTAIN, M. L., President, Georgia School of Technology, Atlanta, Ga. 1927

BROCK, R. W., Dean, Faculty of Applied Science, University of British Columbia, Vancouver, B. C. 1923

BRODHEAD, JOHN A., Director, New Haven College, New Haven Conn. 1928

BROOKE, W. E., Professor and Head of Department of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. (*Member of Council, 1924–7.*) 1902

BROOKES, JOHN F., Director, School of Civil Engineering, Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1924

BROOKS, J. ANSEL, Professor of Mechanical Engineering, Newark College of Engineering, 561 Park Street, Montclair, N. J. 1904

BROOKS, JOHN P., President Emeritus, Clarkson College of Technology, Albion Hotel, Potsdam, N. Y. (*Member of Council, 1900–03.*) 1898

BROOKS, MORGAN, Professor Emeritus of Electrical Engineering, University of Illinois, Urbana, Ill. 1899

BROTHER AMANDUS LEO, Dean of Engineering, Manhattan College, New York City 1928

BROTHER A. RAYMOND, Professor of Mechanics, Manhattan College, New York City 1928

BROTHER D. FELIX, Professor of Mathematical Physics, Manhattan College, New York City 1928

BROWN, AUBREY I., Associate Professor of Heating and Ventilating, The Ohio State University, Columbus, O. 1914

BROWN, CHARLES C., Acting Associate Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1928

BROWN, EDWARD C., Instructor in Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1922

BROWN, FREDERICK L., Associate Professor of Physics, University of Virginia, University, Va. 1926

BROWN, F. L., Professor of Applied Mechanics, University of Kansas, Lawrence, Kans. 1915

BROWN, GROVER C., Manager of Training, Industrial and Public Relations Dept., Bethlehem Steel Corporation and Subsidiary Companies, Bethlehem, Pa. 1930

BROWN, HUGH A., Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1928

BROWN, RALPH E., Assistant Professor of Mechanical Engineering, Rhode Island State College, Kingston, R. I. 1924

BROWN, S. LEROY, Professor of Physics, University of Texas, Austin, Tex. 1914

BROWN, WESLEY B., Associate Professor of Electrical Engineering, Vanderbilt University, Nashville, Tenn. 1926

BROWN, WILLIAM F., Lecturer in Physics, Columbia University, New York City 1928

BROWNE, WM. HAND, JR., Professor and Head, Dept. of Electrical Engineering, North Carolina College of A. and E., State College Station, Raleigh, N. C. (*Member of Council, 1916–9.*) 1899

BRUBAKER, WM. F., Assistant Professor of General Engineering Drawing, University of Colorado, Boulder, Colo. 1924

BRUCKNER, ARTHUR, Associate Professor of Mechanical Engineering, College of the City of New York, New York City 1927

BRUMFIELD, RAY C., Assistant Professor of Civil Engineering, Cooper Union, New York City 1929

BRUNTON, LIONEL J., Instructor in Mechanical Engineering, University of Colorado, Boulder, Colo. 1929

BRYANS, W. R., Professor of Mechanics and Machine Design, New York University, New York, N. Y. 1908

BRYANT, J. M., Professor and Head, Dept. of Electrical Engineering, University of Minnesota, Minneapolis, Minn. (*Member of Council, 1927–30.*) 1910

BUCHANAN, JESSE E., Instructor and Testing Engineer, University of Idaho, Moscow, Idaho 1927

BUCHANAN, ROY O., Associate Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1922

BUCHER, PAUL, Associate Professor of Steam Engineering, The Ohio State University, Columbus, Ohio 1920

BUCK, A. M., Engineering Editor, *Electric Railway Journal*, 10th Ave., at 36th St., New York, N. Y. 1910

BUKOVSKY, PAUL N., Assistant Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1930

BULGER, JOHN W., Assistant Professor of Civil Engineering, University of Akron, Akron, Ohio 1925

BULLARD, JAMES A., Professor of Mechanics and Mathematics, University of Vermont, Burlington, Vt. 1927

BULLEN, CHARLES V., Associate Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. 1927

BULLINGER, CLARENCE E., Professor and Head, Dept. of Industrial Engineering, The Pennsylvania State College, State College, Pa. 1925

BULLOCK, WILLIAM E., Secretary, American Institute of Weights and Measures, 33 Rector St., New York, N. Y. 1917

BUNTING, ALBERT E., Assistant Professor of Practical Mechanics, University of Nebraska, Lincoln, Neb. 1928

BURDEN, HARRY P., Professor of Sanitary Engineering, Tufts College, Tufts College, Mass. 1921

BUREAU, E. A., Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1923

BURGER, W. H., Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1910

BURGMAN, BASILE D., Assistant Professor of Structural Engineering, Moscow Technical Institute, Moscow, Russia. (1815 Beverly Road, S.E., Brooklyn, N. Y.) 1930

BURKHART, PAUL H., Supply Engineering Department, Westinghouse E. & M. Company, East Pittsburgh, Pa. 1922

BURLEY, JOHN W., Head, Machine Dept., Pratt Institute, Brooklyn, N. Y. 1926

BURPEE, F. E., Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1910

BURR, FRANK A., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1929

BURR, WM. H., Emeritus Professor of Civil Engineering, Columbia University, Consulting Engineer, 120 Broadway, New York, N. Y. 1893

BURSLEY, JOSEPH A., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1910

BURT, FREDERICK A., Associate Professor of Geology, A. and M. College of Texas, College Station, Texas 1926

BUSBY, HIBBARD S., Director, A. French Textile School, Georgia School of Technology, Atlanta, Ga. 1926

BUSH, VANNEVAR, Professor of Electric Power Transmission, Massachusetts Institute of Technology, Cambridge, Mass. .. 1923

BUTLER, G. M., Dean, College of Mines and Engineering, Director, Arizona Bureau of Mines, University of Arizona, Tucson, Ariz. (*Member of Council, 1924–7.*) 1916

BUTLER, JOE B., Associate Professor of Civil Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1922

BUTTERFIELD, ARTHUR D., Professor of Mathematics and Geodesy, University of Vermont, Burlington, Vt. 1908

BUTTERFIELD, THOMAS E., 137 N. Rampert Blvd., Los Angeles, Calif. 1920

BUXTON, G. F., Professor of Industrial Training, Purdue University, Lafayette, Ind. 1928

CALDERWOOD, JAS. P., Professor of Mechanical Engineering, in charge Dept. of Mechanical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1919

CALDWELL, FRANK C., Professor of Electrical Engineering, The Ohio State University, Columbus, O. (*Member of Council, 1905–8.*) 1897

CALLAN, J. A. C., Head Professor of Civil Engineering, Alabama Polytechnic Institute; State Highway Commissioner, Auburn, Ala. 1909

CALLEN, ALFRED C., Professor and Head, Department of Mining Engineering, University of Illinois, Urbana, Ill. 1926

CAMERON, HUGH S., Instructor in Mechanical Technology, Pratt Institute, Brooklyn, N. Y. 1928

CAMP, EDMOND W., Head, School of Textile Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1929

CAMPBELL, IVOR ST. C., Associate Professor of Electrical Engineering, Ohio State University, Columbus, Ohio 1925

CAMPBELL, ROBT. D., Assistant Professor of Mechanical Engineering, Southern Methodist University, Dallas, Texas 1927

CANAVACIOL, FRANK E., Assistant Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y..... 1928

CANDEE, F. W., Assistant Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1924

CANFIELD, DONALD T., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1925

CAPEN, S. P., Chancellor, University of Buffalo, Buffalo, N. Y.... 1917

CAREY, RICHARD F., Director, Wyomissing Trade School, Wyomissing, Pa. 1928

CARLETON, CHARLES S., Professor of Field Engineering, Director Civil Engineering Laboratory, Norwich University, Northfield, Vt. 1925

CARLSON, W. W., Professor of Shop Practice, Kansas State Agricultural College, Manhattan, Kans. 1912

CARPENTER, ARTHUR H., Assistant Professor of Metallurgy, Armour Institute of Technology, Chicago, Ill. 1927

CARPENTER, D. E., Dean of the Faculty, International Correspondence Schools, Scranton, Pa. 1919

CARPENTER, EDWARD L., Assistant Professor of Mechanical Engineering in charge of Engineering Extension, University of Tennessee, Knoxville, Tenn. 1922

CARPENTER, HUBERT V., Dean, College of Mechanic Arts and Engineering, Director, Engineering Experiment Station, State College of Washington, Pullman, Wash. (*Vice President, 1925–6.*) 1917

CARPENTER, L. G., Consulting Engineer, 1455 Gilpin Street, Denver, Colo. (*Member of Council, 1897–00.*) 1895

CARR, ARTHUR R., Head, Engineering Department, Professor of Chemical Engineering, College of the City of Detroit, Detroit, Mich. 1927

CARR, CLIFFORD C., Instructor in Electrical Technology, Pratt Institute, Brooklyn, N. Y. 1926

CARRUTHERS, JOHN L., Associate Professor of Ceramic Engineering, The Ohio State University, Columbus, Ohio 1929

CARTER, CLIFTON C., Professor of Natural and Experimental Philosophy, U. S. Military Academy, West Point, N. Y..... 1928

CARTER, HAROLD S., Professor of Civil Engineering, South Dakota State College, Brookings, S. D. 1924

CARTER, IKE N., Assistant Professor of Civil Engineering, University of Idaho, Moscow, Idaho 1925

CARTY, J. J., Vice President, American Telephone and Telegraph Co., 195 Broadway, New York, N. Y. 1907

CARVIN, FRANK D., Assistant Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1925

CARY, EDWARD R., Professor of Railway Engineering and Geodesy, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

CASE, GEO. W., Dean, College of Technology, Director, Engineering Experiment Station, University of New Hampshire, Durham, N. H. 1914

CASTLEMAN, JOHN R., Associate Professor of Engineering Drawing, Virginia Polytechnic Institute, Blacksburg, Va. 1930

CAUGHEY, R. A., Professor of Structural Engineering, Iowa State College, Ames, Iowa 1911

CAULFIELD, JOHN G. L., Instructor in Chemistry, University of Maine, Orono, Me. 1926

CAVERLEY, L. C., Assistant Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1927

CAYWOOD, THOS. G., Associate Professor of Mechanical Engineering, State University of Iowa, Iowa City, Iowa 1923

CHALLENDER, RALPH T., Professor of Machine Design, Montana State College, Bozeman, Mont. 1925

CHAMBERS, SHERMAN D., Associate Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1921

CHAMBLISS, HARDEE, Professor of Chemistry, Dean, School of Sciences, The Catholic University of America, Washington, D. C. 1925

CHANDLER, E. F., Professor of Civil Engineering and Dean, College of Engineering, University of North Dakota, University, N. D. 1907

CHARLES, ROLLIN L., Professor of Physics and Electricity, Franklin and Marshall College, Lancaster, Pa. 1914

CHARTERS, WERRETT W., Director, Bureau of Educational Research, The Ohio State University, Columbus, Ohio 1921

CHATBURN, G. R., Professor and Chairman of the Department of Applied Mechanics and Machine Design, University of Nebraska, Lincoln, Nebr. (*President, 1916–7; Vice President, 1915–6; Member of Council, 1912–.*) 1899

CHATELAIN, MIKAEL, Professor of Electrical Engineering, Polytechnic Institute, Leningrad, Russia 1928

CHEEK, FRANK J., JR., Associate Professor of Applied Mechanics and Structural Design, Kansas State Agricultural College, Manhattan, Kans. 1924

CHILES, GEORGE S., Consulting Engineer, 4611 Park Avenue, Ashtabula, Ohio 1919

CHILLMAN, EDWARD F., Professor of Descriptive Geometry, Stereotomy and Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1920

CHITTENDEN, HIRAM M., Instructor in Engineering, University of Washington, Seattle, Wash. 1929

CHRISTIE, A. G., Professor of Mechanical Engineering, The Johns Hopkins University, Baltimore, Md. 1923

CHURCH, EARL F., Assistant Professor of Applied Mathematics, Syracuse University, Syracuse, N. Y. 1927

CHURCH, EDWIN F., JR., Professor of Mechanical Engineering, The Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1910

CHURCHILL, HARRY D., Assistant Professor of Mechanics, Case School of Applied Science, Cleveland, Ohio 1925

CIRCÉ, ARMAND, Professor of Strength of Materials, Ecole Polytechnique, Montreal, Canada 1930

CISSEL, J. H., Professor of Structural Engineering, University of Michigan, Ann Arbor, Mich. 1920

CLARK, EDGAR C., Instructor in Mechanics, The Ohio State University, Columbus, Ohio 1928

CLARK, EDWIN E., Assistant Professor of Electrical Engineering, South Dakota School of Mines, Rapid City, S. D. 1922

CLARK, JAMES C., Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1912

CLARK, LEROY W., Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

CLARKE, ELWYN L., Professor of Civil Engineering, Clemson College, Clemson College, S. C. 1921

CLEGHORN, M. P., Professor of Mechanical Engineering, Iowa State College, Ames, Ia. 1910

CLEVELAND, LAURENCE F., Instructor in Drawing, Northeastern University, Boston, Mass. 1930

CLIFFORD, H. E., Gordon McKay Professor of Electrical Engineering, Dean, Engineering School, Harvard University, Cambridge, Mass. 1907

CLOKE, PAUL, Dean, College of Technology, University of Maine, Orono, Me. (*Member of Council, 1928–31.*) 1919

CLOUSE, JOHN H., Assistant Professor of Mechanical Engineering, Oregon Agricultural College, Corvallis, Ore. 1927

CLOYD, EDWARD L., Dean of Students, North Carolina State College of A. & E., College Station, Raleigh, N. C. 1920

CLUTZ, FRANK H., B. F. Blough Professor of Civil Engineering, Gettysburg College, Gettysburg, Pa. 1922

COAHRAN, J. M., Practicing Engineer, Box 447, Smethport, Pa.... 1916

COBLEIGH, W. M., Dean of Engineering, Professor of Chemical Engineering, Montana State College, Bozeman, Mont. 1929

COBURN, THEODORE, Western Representative, John Wiley and Sons, Inc., 440 Fourth Avenue, New York City 1925

CODDINGTON, E. F., Professor of Geodetic Engineering, The Ohio State University, Columbus, O. (*Member of Council, 1919–22.*) 1911

CODWISE, HENRY R., Associate Professor of Railroad Engineering and Surveying, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1914

COLBY, WHITNEY C., Assistant Manager, Personnel and Training Dept., Standard Oil Company of N. J., 26 Broadway, New York City 1929

COLE, ARTHUR W., Professor of Steam Engineering, Purdue University, Lafayette, Ind. 1926

COLER, CARL S., Manager, Educational Department, Westinghouse E. & M. Co., East Pittsburgh, Pa. (*Member of Council, 1928–31.*) 1919

COLLIER, IRA L., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1924

COLLYER, NORMAN, Assistant Secretary, Paramount Publix Corporation, Paramount Building, Times Square, New York City ... 1919

COLSTON, ALBERT L., Principal, Brooklyn Technical High School, 49 Flatbush Ave., Ext., Brooklyn, N. Y. 1926

COMPTON, KARL T., President, Massachusetts Institute of Technology, Cambridge, Mass. 1929

COMSTOCK, CLARENCE E., Professor of Mathematics, Bradley Polytechnic Institute, Peoria, Ill. 1909

COMSTOCK, E. H., Professor of Mine Plant and Mechanics, School of Mines, University of Minnesota, Minneapolis, Minn..... 1907

CONLEY, WILLIAM J., Professor of Applied Mechanics, University of Rochester, Rochester, N. Y. 1929

CONNER, S. L., Professor of Civil Engineering, Tufts College, Tufts, College, Mass 1912

CONRAD, ALBERT G., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1929

CONRAD, L. E., Professor and Head, Dept. of Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1908

CONSTANT, F. H., Professor of Civil Engineering, Princeton University, Princeton, N. J. (*Vice President, 1915–6; Member of Council, 1909–12.*) 1896

CONVERSE, FREDERICK J., Instructor in Civil Engineering, California Institute of Technology, Pasadena, Calif..... 1927

CONWELL, WALTER L., Professor of Highway Engineering, Cornell University, Ithaca, N. Y. 1928

COOK, A. L., Supervisor and Head of the Dept. of Industrial Electrical Engineering, Pratt Institute, Brooklyn, N. Y..... 1913

COOKE, MORRIS L., Consulting Engineer in Management, 1520 Point St., Philadelphia, Pa. 1910

COOLBAUGH, MELVILLE F., President, Colorado School of Mines, Golden, Colo. 1925

COOLEY, M. E., Dean Emeritus, University of Michigan, Ann Arbor, Mich. (*President, 1920–1; Vice President, 1908–9; Member of Council, 1893–4; 1907–10; 1920–; Member, Board of Investigation and Coordinations, 1922–3.*) 1893

COOLIDGE, WARREN A., Assistant Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1929

COOPER, CHARLES D., Assistant Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio 1929

COOPER, FRANK L., Instructor in Physics, Yale University, New Haven, Conn. 1912

COOVER, MERVIN S., Associate Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1923

COPLEY, JOHN O., Special Teacher, 75 Fifth Avenue, New Rochelle, N. Y. 1926

COPPERSMITH, C. W., Associate Professor of Engineering Drawing, Case School of Applied Science, Cleveland, O. 1915

CORCORAN, GEORGE F., Assistant Professor of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kansas. 1926

CORNELL, MILTON L., President, Cornell Iron Works, Inc., 3600 13th Street, Long Island City, N. Y. 1926

CORNELL, W. R., Professor of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1910

CORRELL, J. A., Professor of Electrical Engineering, University of Texas, Austin, Texas 1923

COSANDEY, CHARLES J., Instructor in Electrical Engineering and Mathematics, Duluth Junior College, Duluth, Minn. 1930

COSTA, JOHN J., Professor of Civil Engineering, Manhattan College, New York City 1927

COTTRELL, SAMUEL, Nonsanto Chemical Company, Nonsanto, Ill. 1926

COWLES, W. H. H., Head, Department of Mathematics and English, Pratt Institute, Brooklyn, N. Y. 1929

COX, WILLIAM J., Assistant Professor of Engineering Mechanics, Yale University, New Haven, Conn. 1927

COYLE, JOHN L., Director of Shop Practice, University of Delaware, Newark, Del. 1928

CRAIG, DUDLEY P., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1923

CRAIN, L. D., Professor of Mechanical Engineering, Head of Department, Colorado Agricultural College, Ft. Collins, Colo.... 1918

CRANE, THEODORE, Associate Professor of Building Construction, Yale University, New Haven, Conn. 1925

CRAWFORD, CHARLES W., Professor and Head, Department of Mechanical Engineering, A. & M. College of Texas, College Station, Tex. 1923

CRAWFORD, D. F., Consulting Engineer, 5243 Ellsworth Avenue, Pittsburgh, Pa. 1914

CRAWFORD, IVAN C., Dean, College of Engineering, Professor of Civil Engineering, Director, Engineering Experiment Station, University of Idaho, Moscow, Idaho. (*Member of Council, 1929–32.*) 1913

CRAWFORD, W. W., Instructor in Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1926

CREAGER, PAUL S., Assistant Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1923

CREAMER, WALTER J., JR., Associate Professor of Electrical Engineering, University of Maine, Orono, Me. 1922

CREEK, HERBERT L., Professor and Head, Dept. of English, Purdue University, Lafayette, Ind. 1922

CREIGHTON, W. H. P., Professor of Mechanical and Sugar Engineering, Tulane University, New Orleans, La. 1893

CRENSHAW, JOHN B., Professor and Head, Dept. of Modern Languages, Georgia School of Technology, Atlanta, Ga. 1924

CRITCHFIELD, C. LEE, Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1930

CROCKETT, CHAS. W., Professor of Mathematics and Astronomy, Rensselaer Polytechnic Institute, Troy, N. Y. 1912

CROFOOT, GEORGE E., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1919

CROSBY, LEMUEL S., General Personnel Supervisor, Long Lines Dept., American Telephone and Telegraph Co., 15 Dey Street, New York, N. Y. 1929

CROSBY, W. W., Consulting Engineer, P. O. Box 232, Coronado, Calif. 1911

CROSS, HARDY, Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1912

CROSSMAN, RALPH S., Associate in General Engineering Drawing, University of Illinois, Urbana, Ill. 1919

CROTHERS, H. M., Dean, Division of Engineering, Professor of Electrical Engineering, South Dakota State College, Brookings, S. D. 1923

CROUCH, C. H., Mechanical Engineer, E. L. Phillips & Co., Room 1665, 50 Church St., New York City. (*Member of Council, 1911–4; 1915–8.*) 1907

CROUSE, CHARLES S., Head, Mining and Metallurgical Engineering, University of Kentucky, Lexington, Ky. 1929

CUEVAS, JOSE A., Director, Faculty, National School of Engineering, Mexico City, Mexico 1926

CULLIMORE, ALLAN R., President, Newark College of Engineering, Newark, N. J. 1914

CUNNINGHAM, CHARLES W., Instructor in Civil Engineering, Rutgers University, New Brunswick, N. J. 1929

CURFMAN, LAWRENCE E., Professor of Mathematics, Kansas State Teachers College, Pittsburg, Kansas. (834 13th St., Boulder, Colo.) 1927

CURRY, WALTER A., Assistant Professor of Electrical Engineering, Columbia University, New York City 1928

CURTIS, DONALD D., Professor of Mechanics, Clemson College, Clemson College, S. C. 1923

CURTNER, D. L., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1921

CUSHMAN, PAUL A., Professor and Head, Department of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1922

CUTLER, A. S., Professor of Railway Engineering, University of Minnesota, Minneapolis, Minn. 1926

CUTSHALL, CHESTER S., Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1924

DAGGETT, P. H., Dean, College of Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1921–4.*) 1910

DAHSTEDT, RUDOLPH T., Instructor in Physics, Fenn College, Cleveland, Ohio 1930

DAKE, CHARLES LAURENCE, Professor of Geology, School of Mines and Metallurgy, Rolla, Mo. 1919

DAKE, EARL D., Professor of Civil Engineering, South Dakota State School of Mines, Rapid City, S. D. 1929

DALAKER, HANS H., Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1922

DALE, R. BURDETTE, Head, Dept. Mechanical Drawing and Machine Design, Pratt Institute, Brooklyn, N. Y. 1921

DANA, FOREST C., Professor of Engineering Problems, Iowa State College, Ames, Iowa 1923

DANA, W. J., Professor of Experimental Engineering, North Carolina State College, Raleigh, N. C. 1923

DANFORTH, R. H., Professor of Mechanics and Hydraulics in charge of the Warner Laboratories, Case School of Applied Science, Cleveland, O. 1914

DANIEL, CHARLES M., Assistant Professor of Mechanical Engineering, University of Virginia, University, Va. 1926

DANIELS, JOSEPH, Professor of Mining Engineering and Metallurgy, University of Washington, Seattle, Wash. 1910

DANILOFF, MICHAEL, Harvard Union, Cambridge, Mass. 1928

DATES, HENRY B., Professor of Electrical Engineering, Case School of Applied Science, Cleveland, Ohio 1929

DAUGHERTY, ROBERT L., Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1919

DAVIDSON, FREDERIC A., General Manager, Chesebro-Whitman Co., Inc., Long Island City, N. Y. 1929

DAVIDSON, J. BROWNLEE, Professor and Head, Department of Agricultural Engineering, Iowa State College, Ames, Iowa... 1915

DAVIDSON, M. W., Professor and Head, Dept. of Mechanical Engineering, University of South Dakota, Vermillion, S. D. 1917

DAVIES, C. E., Assistant Secretary, American Society of Mechanical Engineers, 29 West 39th Street, New York City 1925

DAVIS, DAVID E., Mechanical Engineer, Westinghouse Company, 1421 Lincoln Avenue, Moores, Pa. 1925

DAVIS, EDMUND P., 115 Willow Street, Brooklyn, N. Y. 1926

DAVIS, GEO. JACOB, JR., Dean and Professor of Civil Engineering, University of Alabama, University, Ala. 1913

DAVIS, HALLAM W., Professor and Head, Department of English, Kansas State Agricultural College, Manhattan, Kans. 1929

DAVIS, HARVEY N., President and Professor of Mechanical Engineering, Stevens Institute of Technology, Hoboken, N. J. ... 1929

DAVIS, HOWARD L., Director of Technical Employment and Training, New York Telephone Co., 140 West Street, New York City 1929

DAVIS, RAYMOND E., Professor of Civil Engineering, University of California, Berkeley, Calif. 1913
DAVIS, WILLIAM C., Assistant Professor of Electrical Engineering, Fenn College, Cleveland, Ohio 1930
DAWES, CHESTER L., Assistant Professor of Electrical Engineering, Harvard University, Cambridge, Mass. 1915
DAWES, LYMAN M., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1926
DAWLEY, E. R., Associate Professor of Applied Mechanics, Kansas State Agricultural College, Manhattan, Kans. 1926
DAWSON, F. M., Professor of Hydraulics and Sanitary Engineering, University of Wisconsin, Madison, Wis. 1923
DAY, CHARLES, President, Day & Zimmerman, Inc., Engineers, 112 North Broad St., Philadelphia, Pa. 1911
DAY, HAROLD P. S., Plant Supervisor, Wisconsin Telephone Company, 494 53 Street, Milwaukee, Wis. 1928
DEARBORN, R. H., Professor of Electrical Engineering, Oregon Agricultural College, Corvallis, Ore. 1917
DE BAUFRE, WM. L., Technical Adviser, International Combustion Engineering Corp., 398 Hillside Avenue, E. Orange, N. J. ... 1920
DECKER, ARTHUR J., Professor of Sanitary Engineering, University of Michigan, Ann Arbor, Mich. 1926
DEFOE, L. M., Professor of Mechanics, University of Missouri, Columbia, Mo. 1904
DELAY, FREDERIC A., 850 N. Van Ness Ave., Santa Ana, Calif. .. 1909
DEMOREST, D. J., Professor of Metallurgy, The Ohio State University, Columbus, O. 1913
DENEEN, DAVID J., Instructor in Architecture, University of Minnesota, Minneapolis, Minn. 1927
DENNISON, B. C., Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1926
DENT, JOHN A., Professor and Head, Department of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1911
DENTON, F. W., Retired, 240 College Avenue, Houghton, Mich. .. 1894
DENTON, W. W., Assistant Professor of Mathematics, University of Michigan, Ann Arbor; 4211 3d Ave., Detroit, Mich..... 1926
DERBY, FRANK H., Associate Professor of Civil Engineering, Washington University, St. Louis, Mo. 1922
DERICKSON, DONALD, Professor of Civil Engineering, Tulane University of La., New Orleans, La. 1922
DERLETH, CHAS., JR., Professor of Civil Engineering and Dean of the College of Civil Engineering, University of California, Berkeley, Calif. 1904
DEVINE, JAMES J., Assistant Professor of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1930

DIBERT, HERBERT M., Secretary and Treasurer, W. & L. E. Gurley, Troy, N. Y. 1913

DICKINSON, LEONARD P., Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1914

DIEDERICHS, HERMAN, Director, Sibley School of Mechanical Engineering and Professor of Experimental Engineering, Cornell University, Ithaca, N. Y. 1915

DIEFENDORF, ADELBERT, Assistant Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1922

DIEMER, HUGO, Director, Management Courses and Personnel, La Salle Extension University, Chicago, Ill. 1902

DIETRICH, JOHN J., Instructor in Woodshop Pattern Making, Purdue University, Lafayette, Ind. 1922

DIETZ, J. W., Superintendent, Industrial Relations, Western Electric Co., Inc., Kearny Works, 100 Central Avenue, Kearny, N. J. 1911

DILLINGHAM, HARLEY C., Professor of Electrical Engineering, A. & M. College of Texas, College Station, Texas 1929

DIRKS, HENRY B., Professor of Mechanical Engineering, Acting Dean, Michigan State College, East Lansing, Mich. 1920

DISQUE, ROBERT C., Dean, Drexel Institute, Philadelphia, Pa. (*Member of Council, 1928–31.*) 1927

DISTLER, THEODORE A., Director of Admissions and Student Personnel, New York University, New York City 1928

DIX, L. E., Professor of Mathematics, Norwich University, Northfield, Vt. 1917

DIXON, SOLON, Instructor in Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1929

DOANE, S. E., Chief Engineer, National Lamp Works, General Electric Co., Nela Park, Cleveland, Ohio 1923

DOBBS, F. E., Principal, Wentworth Institute, Boston, Mass. 1912

DODDS, JOHN S., Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa 1928

DODGE, H. L., Director, School of Engineering Physics, Dean, Graduate School, University of Oklahoma, Norman, Okla. 1919

DOGGETT, L. A., Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1914

DOHERTY, H. L., President, Cities Service Company, 60 Wall St., New York, N. Y. 1904

DOHERTY, R. E., Consulting Engineer, General Electric Company, Schenectady, N. Y. (*Member of Council, 1930–33.*) 1923

DOLAND, JAMES J., Associate Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1927

DOLL, ALFRED W., Instructor in Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1926

DOLVE, R. M., Professor of Mechanical Engineering, Dean, North Dakota Agricultural College, Fargo, N. D. 1926

DOMONOSKE, ARTHUR B., Executive Head, Department of Mechanical Engineering, Stanford University, Box 2696, Stanford University, Calif. 1913

DONALD, WM. J., Managing Director, American Management Association, 20 Vesey St., New York City..... 1922

DONNELL, PHILIP S., Dean, Division of Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1927

DONOVAN, EDWARD T., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1929

DOOLEY, C. R., Manager, Personnel and Training, Standard Oil Co. of New York, 26 Broadway, New York, N. Y. (*Member of Council, 1929–32.*) 1907

DOOLITTLE, JESSE S., Instructor in Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio 1929

DOREMUS, HAL C., Head, Department of Engineering, John Tarleton Agricultural College, Stephenville, Texas 1923

DORRANS, J. M., Supt., Engineering Shops Labs., Assistant Professor of Mechanical Practice, University of Wisconsin, Madison, Wis. 1927

DORROH, J. H., Professor and Head, Department of Civil Engineering, University of New Mexico, Albuquerque, N. Mex. 1917

DOSTAL, BERNARD F., Assistant Professor of Mathematics, University of Florida, Gainesville, Fla. 1928

DOTY, L. DONALD, Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1930

DOUGHTIE, VENTON L., Assistant Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas 1930

DOUGLAS, JOHN A., Instructor in Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1930

DOUGLAS, J. F. H., Associate Professor of Electrical Engineering, Marquette University, Milwaukee, Wis. 1910

DOUGLAS, MALCOLM S., Assistant Professor of Civil Engineering, Case School of Applied Science, Cleveland, Ohio 1925

DOW, WILLIAM G., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929

DOWD, WYLLYS E., JR., Vice President, Foster Wheeler Corporation, 165 Broadway, New York City 1921

DOWNING, LEWIS K., Associate Professor of Civil Engineering, Howard University, Washington, D. C. 1929

DOWNING, RODERICK L., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1926

DOYLE, FRANK B., Experimental and Development Engineer, Ingersoll-Rand Company, Raymond, Ill. 1925

DRAFFIN, JASPER O., Assistant Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1917

DREESE, ERWIN E., Professor and Chairman, Department of Electrical Engineering, The Ohio State University, Columbus, Ohio 1929

DRISKO, W. J., Professor of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1923

DRUCKER, ARTHUR E., Dean, School of Mines and Geology, Washington State College, Pullman, Wash. 1922

DRUM, MARTIN L., Professor of Surveying, Bucknell University, Lewisburg, Pa. 1925

DRUMMOND, GARRETT B., Assistant Professor of Mathematics, Oklahoma A. & M. College, Stillwater, Okla. 1930

DUCKERING, W. E., Professor of Civil Engineering; Head of Dept., University of British Columbia, Vancouver, B. C.; Eastsound, Wash. 1917

DUDLEY, A. M., Engineering Supervisor of Development, Westinghouse E. and M. Co., East Pittsburgh, Pa. 1926

DUDLEY, SAMUEL W., Professor and Chairman, Dept. of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. 1921

DUFF, ALEXANDER W., Professor of Physics, Worcester Polytechnic Institute, Worcester, Mass. 1921

DUFF, C. M., Professor of Applied Mechanics, University of Nebraska, Lincoln, Nebr. 1912

DUFFEY, C. F., Professor of Electrical Engineering, University of Porto Rico, Box 143, Mayaguez, P. R. 1916

DUKES, R. G., Head, Department of Applied Mechanics, Dean of Graduate School, Purdue University, Lafayette, Ind. 1907

DUNHAM, CLARENCE W., Assistant Engineer, Port of New York Authority, 80–90 Eighth Ave., New York, N. Y. 1926

DUNHAM, EARL M., Instructor in Engineering Drawing and Descriptive Geometry, University of Maine, Orono, Maine 1930

DUNHAM, HEBER, Assistant Professor of Engineering Drawing, New York University, New York, N. Y. 1914

DUNKIN, WILLIAM V., Professor of Mechanical Engineering, Georgia School of Technology, Atlanta, Ga. 1924

DUNSTAN, GILBERT H., Instructor in Civil Engineering, University of Southern California, Los Angeles, Calif. 1928

DUPLANTIER, DONALD A., Assistant Professor of Structural Engineering, University of Alabama, Tuscaloosa, Ala. 1930

DUPONT, T. C., Wilmington, Del. (Life Member) 1910

DUPRIEST, JOHN R., Professor and Head, Department of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1919

DURAND, W. F., Professor Emeritus of Mechanical Engineering, Leland Stanford Junior University, Stanford University, Calif. 1899

DURKEE, FRANK W., Professor of Chemistry in charge of Dept., Tufts College, Tufts College, Mass. 1926

DURLAND, M. A., Professor of Machine Design, Assistant Dean, Kansas State Agricultural College, Manhattan, Kans..... 1926

DURST, ROSS C., Professor of Civil Engineering, University of Akron, Akron, O. 1918

DUVALL, W. CLINTON, Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1919

DYBLE, JOHN H., Instructor in Applied Mechanics, Case School of Applied Science, Cleveland, Ohio 1924

DYCHE, H. E., Professor and Head of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1914

DYER, FREDERICK C., Associate Professor of Mining Engineering, University of Toronto, Toronto, Ont., Canada 1913

DYSART, P. M., Teacher of Physics, Schenley High School, Pittsburgh, Pa. 1911

EARLE, CHESTER R., Associate Editor, Power Plant Engineering, 53 West Jackson Boulevard, Chicago, Ill. 1922

EARLE, RALPH, President, Worcester Polytechnic Institute, Worcester, Mass. 1925

EARLE, S. B., Director of the Engineering Department, and Professor of Mechanical Engineering, Clemson Agricultural College of South Carolina, Clemson College, S. C. (*Member of Council, 1927–30.*) 1912

EASTMAN, ROBERT F., Instructor in Structural Engineering, Antioch College, Yellow Springs, Ohio 1924

EBAUGH, W. C., Professor of Chemistry, Denison University, Granville, Ohio 1908

ECKEL, C. L., Professor and Head, Department of Civil Engineering, University of Colorado, Boulder, Colo. 1914

ECKHARD, G. F., Professor of Structural Engineering, University of Vermont, Burlington, Vt. 1910

ECKHARDT, CARL J., JR., Adjunct Professor of Mechanical Engineering, University of Texas, Austin, Texas 1929

ECKLE, JOHN N., Assistant Professor of Engineering Drawing, Yale University, New Haven, Conn. 1928

EDDY, C. L., Professor of Structural Engineering, Case School of Applied Science, Cleveland, O. 1910

EDGAR, R. F., Assistant Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1920

EDGECOMB, R. E., Chief Engineer, City Bldg. Dept., 136 No. 35th Street, Omaha, Neb. 1912

EDISON, OSKAR E., Associate Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1922
EDMANDS, S. S., Director, School of Science and Technology, Pratt Institute, Brooklyn, N. Y. (*Member of Council, 1927–30.*) .. 1903
EDWARDS, JAMES H., Chief Engineer, American Bridge Co., 71 Broadway, New York City 1922
EDWARDS, OLIVER C., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1925
EDWARDS, WILLIAM W., Head, Steam Engineering Department, Wentworth Institute, Boston, Mass. 1929
EGGERS, HENRY C. T., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1922
EGILSRUD, FRIDTJOF S., Instructor in Mechanical Technology, Pratt Institute, Brooklyn, N. Y. 1928
EGRY, C. ROBERT, Instructor in Machine Design, Purdue University, Lafayette, Ind. 1930
EHLE, MARK, Professor of Mining Engineering, University of Arizona, Tucson, Ariz. 1925
EIDMANN, FRANK L., Professor of Mechanical Engineering, Columbia University, New York, N. Y. 1925
EKSTRAND, K. H., Instructor in Mechanical Engineering, State University of Iowa, Iowa City, Iowa 1923
ELBIN, GUY H., Professor of Civil Engineering, Ohio Northern University, Ada, Ohio 1924
ELIZONDA, Y. A., Assistant Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1928
ELL, CARL S., Vice President and Dean, Northeastern University, Boston, Mass. 1917
ELLENWOOD, FRANK O., Professor of Heat Power Engineering, Cornell University, Ithaca, N. Y. 1929
ELLIOTT, BEN. G., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1912
ELLIOTT, D. S., Professor of Physics, Tulane University, New Orleans, La. 1919
ELLIOTT, EDWARD C., President, Purdue University, Lafayette, Ind. 1928
ELLIS, W. T., Professor of Power Engineering and Machine Design, Supervisor of Power Plant, Virginia Polytechnic Institute, Blacksburg, Va. 1910
ELY, JOHN A., Professor of Engineering, Dean, College of Arts and Science, St. John's University, Shanghai, China..... 1914
ELY, SUMNER B., Associate Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1921
EMERSON, L. A., Director of Guidance and Employment, Y. M. C. A., 420 Lexington Avenue, New York City 1929

EMERSON, WALTER D., Associate Professor of Engineering Mechanics, Norwich University, Northfield, Vt. 1920
EMMONS, WALTER J., Associate Professor of Highway Engineering, University of Michigan, Ann Arbor, Mich. 1923
EMRICK, PAUL S., Electrical Engineer, Lafayette, Ind. 1914
EMSWILER, J. E., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1919
ENDSLEY, L. E., Lecturer in Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1907
ENGER, M. L., Professor of Mechanics and Hydraulics, Head, Dept., Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. (*Member of Council, 1921–4.*) 1907
ENO, FRANK H., Research Professor of Highway Engineering, The Ohio State University, Columbus, O. 1907
ENSIGN, N. E., Associate Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1915
ENTWISLE, FRANK N., Professor of Physics, College of Engineering, Newark, N. J. 1927
ENTWISTLE, JAMES L., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass..... 1927
ERIKSEN, EDWARD L., Professor and Head, Department of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1921
ERNST, GEORGE C., Instructor in General Engineering, Iowa State College, Ames, Iowa 1930
ERSKINE, HARRY E., Instructor in Mathematics, Franklin Union, Boston, Mass. 1928
ESCHBACH, OVID W., Special Assistant, Personnel Dept., American Tel. and Tel. Co., 195 Broadway, New York City..... 1926
ESTEP, THOS. G., Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1922
ESTY, JAMES A., Professor of Economics, Purdue University, Lafayette, Ind. 1928
EVANS, F. H., Director of Course Development, Rochester Athenaeum and Mechanics Institute, Rochester, N. Y. 1907
EVANS, H. S., Dean, College of Engineering, Professor of Electrical Engineering, University of Colorado, Boulder, Colo. (*Vice President, 1920–1; Member of Council, 1922–5.*) 1905
EVANS, WESTON S., Assistant Professor of Civil Engineering, University of Maine, Orono, Me. 1922
EVERETT, HAROLD A., Professor of Thermodynamics, Pennsylvania State College, State College, Pa. 1924
EVERITT, WILLIAM L., Associate Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio..... 1927
EVINGER, M. I., Professor of Civil Engineering, University of Nebraska, Lincoln, Neb. 1926

EWING, D. D., Professor of Electrical Railway Engineering, Purdue University, Lafayette, Ind. 1910
EYRE, THOMAS T., Professor of Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1909
FABEL, DONALD C., Assistant Professor of Mechanical Engineering, Fenn College, Cleveland, Ohio 1930
FAIG, JOHN T., President, Ohio Mechanics Institute, Cincinnati, O. (*Vice President, 1918–9.*) 1899
FAIR, GORDON M., Associate Professor of Sanitary Engineering, Harvard Engineering School, Cambridge, Mass. 1926
FAIRBANKS, OSCAR W., Assistant Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1929
FAIRBURN, A. J. B., Instructor in Electrical Engineering, Cooper Union, New York City 1927
FAIRES, VIRGIL M., Associate Professor of Mechanical Engineering, A. and M. College of Texas, College Station, Texas 1925
FAIRFIELD, JOHN G., Professor of Heat Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1922
FAIRMAN, SEIBERT, Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1921
FARNHAM, CHARLES S., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1908
FARNHAM, FRANK C., Assistant Professor of Physics, Missouri School of Mines, Rolla, Mo. 1928
FARNHAM, WALTER E., Professor of Graphics, Tufts College, Tufts College, Mass. (*Member of Council, 1930–33.*) 1919
FARQUHARSON, F. B., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1928
FARRAR, CLYDE L., Associate Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1924
*FARRELL, F. D., President, Kansas State Agricultural College, Manhattan, Kans. 1928
FARRIS, MARSHALL E., Acting Professor of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1925
FELGAR, J. H., Dean of the College of Engineering, University of Oklahoma, Norman, Okla. (*Member of Council, 1920–3.*)... 1912
FELKER, EVERETT J., Instructor in Civil Engineering, University of Maine, Orono, Me. 1922
FENTON, CHAUNCEY L., Professor, Dept. of Chemistry and Electricity, United States Military Academy, West Point, N. Y. 1930
FENTON, FREDERICK C., Professor of Agricultural Engineering, Kansas State Agricultural College, Manhattan, Kans..... 1928
FENWICK, HAROLD H., Assistant Professor of Engineering Drawing, University of Louisville, Louisville, Ky. 1927

FERGUSON, O. J., Professor of Electrical Engineering, and Dean, College of Engineering, Director, Engineering Experiment Station, University of Nebraska, Lincoln, Nebr. (*Vice President, 1923–4.*) 1908

FERGUSON, PHIL M., Associate Professor of Civil Engineering, University of Texas, Austin, Texas 1930

FERNALD, ERNEST M., Assistant Professor of Mechanical Engineering, Lafayette College, Easton, Pa. 1927

FERNALD, ROBERT H., Dean, Towne Scientific School, Director, Department of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1914–7.*) ... 1899

FERNOW, BERNHARD E., Professor of Mechanical Engineering, Clemson College, Clemson College, S. C. 1929

FERRETTI, ALFRED J., Associate Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1925

FERRY, ERVIN S., Head, Department of Physics, Purdue University, Lafayette, Ind. 1928

FESSENDEN, CHARLES H., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1925

FESSENDEN, E. A., Professor and Head of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1912

FEUSSE, ELMER G., Professor of Chemistry, Southwestern Louisiana Institute, Lafayette, La. 1924

FICK, ADOLPH, Instructor in Civil Engineering, Marquette University, Milwaukee, Wis. 1927

FIELD, FLOYD, Professor of Mathematics, Dean of Men, Georgia School of Technology, Atlanta, Ga. 1919

FIELD, LAWRENCE N., Professor of Machine Design, Michigan State College, East Lansing, Mich. 1927

FIELDING, JOHN, Steel Technologist, University of Iowa, Iowa City, Iowa 1928

FIFE, SAMUEL T., Associate Professor and Acting Head, Dept. of Mechanical and Electrical Engineering, University of Louisville, Louisville, Ky. 1927

FILES, MYRON J., Assistant Professor of English, Tufts College, Tufts College, Mass. 1925

FILLMORE, HERBERT W., Instructor in Mechanical Engineering, Evansville College, Evansville, Ind. 1929

FINCH, F. R., Associate Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1913

FINCH, JAMES K., Professor of Civil Engineering and Director of Summer School of Surveying, Columbia University, New York City 1925

FINCH, JOHN W., Dean, School of Mines, University of Idaho, Moscow, Idaho 1930

FINDLEY, WARREN G., Assistant in Psychology, Cooper Union, New York City 1929

FINNEGAN, JOSEPH B., Professor and Head, Dept. of Fire Protection Engineering, Armour Institute of Technology, Chicago, Ill. 1926

FISH, F. A., Professor of Electrical Engineering, Iowa State College, Ames, Ia. (*Member of Council, 1923–6.*) 1905

FISH, J. C. L., Executive Head, Department of Civil Engineering, Leland Stanford Junior University, Stanford University, Calif. (*Member of Council, 1921–4.*) 1919

FISHER, JAMES, Professor and Head, Dept. of Mathematics and Physics, Michigan College of Mines and Technology, Houghton, Mich. 1899

FISHMAN, SOLOMON, Instructor in Electricity, Newark College of Engineering, Newark, N. J. 1928

FISKE, DAVID L., Secretary, American Society of Refrigerating Engineers, 37 West 39th Street, New York, N. Y. 1930

FITTERER, J. C., Professor and Head, Dept. of Mathematics, Colorado School of Mines, Golden, Colo. 1912

FITTZ, RAYMOND U., Assistant Professor of Mechanical Engineering, Tufts College, Tufts College, Mass. 1922

FITZGERALD, JOHN W., Instructor in Experimental Engineering, Cornell University, Ithaca, N. Y. 1929

FITZGERALD, THOMAS W., Professor and Head, Department of Electrical Engineering, Georgia School of Technology, Atlanta, Ga. 1928

FLAGG, RAY, Texas Pipe Line Co., Houston, Texas 1926

FLANDERS, ROGER L., Associate Professor of Civil Engineering, A. & M. College, Stillwater, Okla. 1927

FLATH, EARL H., Dean, School of Engineering, Southern Methodist University, Dallas, Texas 1925

FLEMING, ARTHUR P. M., Manager, Research and Education Dept., Metropolitan-Vickers Electrical Co., Manchester, England.... 1922

FLEMING, BURTON P., La Cruces, N. M. 1926

FLEMING, ROBINS, Structural Engineer, American Bridge Co., 30 Church St., New York City 1921

FLETCHER, ROBERT, Director Emeritus, Thayer School of Civil Engineering, Dartmouth College, Hanover, N. H. (*President, 1901–02; Member of Council, 1901–.*) 1894

FLODIN, JOHN, Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1924

FLOWERS, A. E., Engineer in charge of Development, The DeLaval Separator Co., Poughkeepsie, N. Y. 1910

FLOWERS, ROBERT L., Professor of Mathematics; Vice President, Secretary and Treasurer, Duke University, Durham, N. C. .. 1927

FOCKE, THEODORE M., Dean of Faculty, Kerr Professor of Mathematics, Case School of Applied Science, Cleveland, O. (*Member of Council, 1928–31.*) 1907

FOLK, SAMUEL B., Assistant Professor of Mechanics, The Ohio State University, Columbus, Ohio 1921

FOLLOWS, GEORGE H., Professor of Commercial Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1926

FOLTZ, LEROY S., Head, Dept. of Electrical Engineering, Michigan State College, East Lansing, Mich. 1918

FOSS, FRED E., Professor of Civil Engineering, Cooper Union, New York, N. Y. 1893

FOSS, MARTIN M., President, McGraw-Hill Book Co., Inc., 370 7th Ave., New York, N. Y. 1909

FOSTER, E. S., Assistant Chief Engineer The Packard Electric Co., R. D. 4, Warren, Ohio 1911

FOSTER, JOHN M., Associate Professor of Mechanical Engineering, North Carolina State College of A. & E., College Station, Raleigh, N. C. 1919

FOSTER, WM. ARTHUR, Assistant Professor of Rural Architecture, University of Illinois, Urbana, Ill. 1927

FOURAKER, LEROY L., Associate Professor of Electrical Engineering, A. & M. College of Texas, College Station, Tex. 1924

FOURAKER, RAYMOND S., Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1929

FOX, FREDERICK H., Associate Professor of Civil Engineering, Tulane University of Louisiana, New Orleans, La. 1922

FRAIM, PARKE B., Assistant Professor of Physics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1926

FRAME, FLOYD H., Professor of Electrical Engineering, Missouri School of Mines, Rolla, Mo. 1924

FRAMPTON, GEORGE O., Industrial Management Counsellor, East Aurora, N. Y. 1921

FRANK, E. D. A., Mechanical Engineer, 1714 No. Prospect Avenue, Milwaukee, Wis. 1917

FRANCIS, CHARLES W., Assistant Professor of Metallurgical Engineering, Fenn College, Cleveland, Ohio 1930

FRANKLAND, EDWIN, Instructor in Engineering Drawing, University of Detroit, Detroit, Mich. 1930

FRASER, I. MATHESON, Professor of Mechanical Engineering, University of Saskatchewan, Saskatoon, Sask. 1929

FRAZER, JOHN, Professor of Chemistry, University of Pennsylvania, Philadelphia, Pa. 1914

FRAZIER, FORREST F., Professor of Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1929

FRAZIER, RICHARD H., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1927

FREEL, WILFRED I., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1928

FREEMAN, E. H., Professor and Head, Department of Electrical Engineering, Armour Institute of Technology, Chicago, Ill. 1909

FREEMAN, MATHEW L., Professor and Head, Department of Drawing, Mississippi A. & M. College, A. & M. College, Miss..... 1928

FREEMAN, W. EDWIN, Assistant Dean, College of Engineering, Head, Department of Electrical Engineering, University of Kentucky, Lexington, Ky. 1911

FREIRE, V. DA SILVA, Professor of Technique of Materials, Palytechnic School of State, Sao Paulo, Brazil 1929

FRENCH, ARTHUR W., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1900

FRENCH, OWEN B., Professor of Surveying, George Washington University, Washington, D. C. 1923

FRENCH, R. DEL., Professor of Highway and Municipal Engineering, McGill University, Montreal, Canada 1929

FRENCH, ROBERT W., Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1920

FRENCH, THOS. E., Professor of Engineering Drawing, The Ohio State University, Columbus, O. (*Member of Council, 1916–9; Vice President, 1927–8.*) 1899

FREY, EMIL A., Assistant Professor of Modern Languages, Rensalear Polytechnic Institute, Troy, N. Y. 1928

FREY, GEORGE J., Head, Department of Mechanical Drawing, Ohio Mechanics Institute, Cincinnati, Ohio 1930

FRIGON, AUGUSTIN, Dean, Ecole Polytechnique, Montreal, Canada, (*Member of Council, 1930–33.*) 1929

FROCHT, MAX M., Assistant Professor of Mechanics, Carnegie Institute of Technology, Pittsburgh, Pa. (1506 Packard St., Ann Arbor, Mich.) 1928

FRY, HOWARD M., Associate Professor of Physics and Electricity, Franklin and Marshall College, Lancaster, Pa. 1925

FRY, HORACE P., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1914

FRY, THORNTON C., Mathematical Research Engineer, Bell Telephone Laboratories, Inc., 463 West Street, New York City... 1929

FULLAN, M. T., Professor of Machine Design and Drawing, Alabama Polytechnic Institute, Auburn, Ala. 1915

FULLER, A. H., Professor and Head of Civil Engineering, The Iowa State College, Ames, Ia. (*Member of Council, 1914–7.*) 1901

FULLER, C. E., Professor of Theoretical and Applied Mechanics, Massachusetts Institute of Technology, Cambridge, Mass..... 1907

FULLER, LEONARD F., Professor of Electrical Engineering and Chairman of Dept., University of California, Berkeley, Calif. 1930
FULTON, CHARLES H., Director, Missouri School of Mines and Metallurgy, University of Missouri, Rolla, Mo. 1923
FULTON, W. THOMPSON, Associate Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1930
FURIA, JOHN J., Professor of Industrial Engineering and Director of Personnel, Manhattan College, New York, N. Y.... 1919
FURMAN, FRANKLIN DER., Professor of Machine Design, Dean of College, Stevens Institute of Technology, Hoboken, N. J. 1907
FURR, M. W., Professor of Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1917
FUSSELL, LEWIS, Professor of Electrical Engineering, Chairman, Division of Engineering, Swarthmore College, Swarthmore, Pa. 1921
GALLALEE, JOHN M., Professor of Mechanical Engineering, University of Alabama, University, Ala. 1930
GARMAN, HARRY O., Consulting Engineer, 836 Ind. Pyth. Bldg., Indianapolis, Ind. 1907
GARMAN, WARREN D., Assistant Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1926
GARRAN, FRANK W., Assistant Professor of Civil Engineering, Thayer School of Civil Engineering, Dartmouth College, Hanover, N. H. 1925
GARRETT, SEYMOUR S., Professor of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1922
GARST, HARVEY O., Professor of Civil Engineering, New Mexico College of A. & M. Arts, State College, N. M. 1929
GAUGER, A. W., Director, Division of Mines and Mining Experiments, University of North Dakota, Grand Forks, N. D..... 1926
GAUM, CARL G., Professor of University Extension, Rutgers University, New Brunswick, N. J. 1928
GAUSS, HENRY F., Head, Dept. of Mechanical Engineering, University of Idaho, Moscow, Ida. 1926
GAVETT, JOSEPH W., Professor and Head, Department of Mechanical Engineering, University of Rochester, Rochester, N. Y... 1924
GAY, HAROLD, J., Assistant Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1930
GEBHARDT, GEORGE F., Professor of Mechanical Engineering, Armour Institute of Technology, Chicago, Ill. 1927
GEE, GEORGE B., 17 Pine Street, Belmont, Mass. 1919
GEHRIG, ARTHUR G., Instructor in Engineering, Pasadena Junior College, Pasadena, Calif. 1929
GEIGER, I. W., Associate Professor of Analytical Chemistry, University of Minnesota, Minneapolis, Minn. 1926

GEIGER, JOHN W., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1923

GEILE, WILFRED G., Associate Professor of Building Construction, North Carolina State College, Raleigh, N. C. 1927

GEIST, GILBERT A., Professor of Architecture, A. & M. College of Texas, College Station, Texas 1929

GEORGE, ROBERT B., Electrical Engineer, Westinghouse E. & M. Co., Sharon, Pa. 1925

GEORGE, S. G., Professor and Head, Department of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1914

GERARDI, JASPER, Instructor in Descriptive Geometry and Surveying, University of Detroit, Detroit, Mich. 1929

GETCHELL, EDWARD L., Associate Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H..... 1921

GETCHELL, WM. B., JR., c/o Portland Cement Association, 110 High Street, Boston, Mass. 1929

GIBSON, J. L., Dean of School of Arts and Sciences, Professor of Mathematics, University of Utah, Salt Lake City, Utah..... 1911

GIESECKE, F. E., Head, Department of Architecture, Director, Engineering Experiment Station, Texas A. & M. College, College Station, Texas. (*Member of Council, 1921–4.*) 1893

GILCHRIST, J. F., Vice President, Commonwealth Edison Co., 72 W. Adams Street, Chicago, Ill. 1911

GILKEY, HERBERT J., Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1922

GILL, JAMES H., Professor of Machine Construction, West Virginia University, Morgantown, W. Va. 1929

GILMORE, DAVID P., Professor and Head, Department of Civil Engineering, University of Detroit, Detroit, Mich. 1919

GILMOUR, WALTER A., Professor of Coordination, University of Akron, Akron, O. 1922

GIRVIN, HARVEY F., Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1927

GLADNEY, THOMAS G., Dean, School of Engineering, Professor of Civil Engineering, Mississippi A. & M. College, A. & M. College, Miss 1928

GLADSON, W. N., Vice President, Dean, College of Engineering, Director, Engineering Experiment Station, University of Arkansas, Fayetteville, Ark. 1903

GLEASON, G. SCOTT, Instructor in Engineering Drawing, Yale University, New Haven, Conn. 1927

GLENN, HOWARD E., Associate Professor of Civil Engineering, Clemson Agricultural College, Clemson College, S. Car. 1929

GODFREY, WILLIAM P., Instructor in English, University of Detroit, Detroit, Mich. 1929

GOKHALE, GANDGAHAR V., Principal, N. E. D., Civil Engineering College, Karacki, Bombay, India 1924
GOODALE, S. L., Professor of Metallurgy, University of Pittsburgh, Pittsburgh, Pa. 1924
GOODRICH, ARTHUR L., Associate Professor of Drawing and Descriptive Geometry, Massachusetts Institute of Technology, Cambridge, Mass. 1930
GOODRICH, EDWIN A., Instructor in Civil Engineering, Lafayette College, Easton, Pa. 1930
GOODRICH, RALPH D., Professor of Civil Engineering, University of Wyoming, Laramie, Wyo. 1929
GORHAM, ROBERT C., Assistant Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1925
GOUGH, ACHILLES C., Dean, School of Engineering, University of Idaho, Southern Branch, Pocatella, Ida. 1922
GOULD, CHAS. W., Trustee, Cooper Union, 5 Washington Square, North, New York City..... 1925
GOUNARIDES, ALEXANDER, Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1928
GOW, ALEX. M., Assistant Metallurgist, U. S. Bureau of Mines, Missouri School of Mines, Rolla, Mo. 1926
GRAHAM, EUGENE C., Associate Professor of Shop Practice, Kansas State Agricultural College, Manhattan, Kansas 1929
GRAHAM, WM. P., Vice Chancellor, Syracuse University, 1205 Harrison Street, Syracuse, N. Y. 1912
GRAM, LEWIS M., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1913
GRAMSTORFF, EMIL A., Associate Professor of Civil Engineering, Northeastern University, Boston, Mass. 1926
GRANDLIENARD, EDWARD T., Professor of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1919
GRANDY, LEWIS S., Associate Professor of Electrical Engineering, Texas Technological College, Lubbock, Texas 1927
GRANDY, MICHAEL, Professor and Head, Dept. of Physics, University of Dayton, Dayton, Ohio 1928
GRANT, EDWARD, Instructor in Foundry Practice, Kansas State Agricultural College, Manhattan, Kan. 1925
GRANT, EUGENE L., Associate Professor of Civil Engineering, Stanford University, Stanford University, Calif 1925
GRANTHAM, GUY E., Assistant Professor of Physics, Cornell University, Ithaca, N. Y. 1928
GRATON, LOUIS C., Professor of Mining Geology, Harvard University, Cambridge, Mass. 1925
GRAY, HENRY C., Instructor in Machine Design, Rose Polytechnic Institute, Terre Haute, Ind. 1929

GRAY, JOHN C., Associate Professor of Chemistry, U. S. Naval Academy, Annapolis, Md. 1920

GREAVES-WALKER, A. F., Professor and Head, Dept. of Ceramic Engineering, North Carolina State College, Raleigh, N. C. 1925

GREEN, BOYNTON M., Associate Professor of Mechanical Engineering, Stanford University, Stanford University, Calif. 1925

GREENE, ARTHUR M., JR., Dean, School of Engineering, Professor of Mechanical Engineering, Princeton University, Princeton, N. J. (*President, 1919–20; Member of Council, 1906–9; 1914–.*) 1903

GREENSHIELDS, BRUCE D., Professor of Engineering Science, Denison University, Granville, Ohio 1926

GREGORY, W. B., Professor of Experimental Engineering, Tulane University, New Orleans, La. 1907

GREINER, OTTO A., Associate Professor of Modern Languages, Purdue University, Lafayette, Ind. 1922

GRENOBLE, HERBERT S., Associate Professor of Industrial Engineering, Virginia Polytechnic Institute, Manager, V. P. I. in Richmond, Va. 1929

GREVE, F. W., Professor of Hydraulic Engineering, Purdue University, Lafayette, Ind. 1912

GRIDER, RICHARD L., Associate Professor of Mining Engineering and Drawing, University of Kansas, Lawrence, Kans. 1922

GRIFFIN, FRED S., Professor of Mechanical Engineering, University of Akron, Akron, O. 1922

GRIFFITH, D. M., Assistant Professor of Civil Engineering, Bucknell University, Lewisburg, Pa. 1924

GRIFFITH, JAMES R., Professor of Structural Engineering, Oregon State Agricultural College, Corvallis, Ore. 1929

GRINTER, LINTON E., Professor of Structural Engineering, A. & M. College of Texas, College Station, Texas 1928

GRISMER, FRANK A., Instructor in English, University of Colorado, Boulder, Colo. 1929

GRISWOLD, ROBT. G., Chief Technologist, Henry L. Doherty & Co., 60 Wall St., New York, N. Y. 1917

GROAT, B. F., Consulting Engineer, 20 Chapel Street, Brookline, Mass. 1889

GRONE, EDWARD A., Instructor in Applied Mechanics, University of Nebraska, Lincoln, Nebr. 1924

GROSS, CHAS. F., Associate Professor of Marine Engineering and Naval Architecture, University of California, Berkeley, Calif. 1927

GROW, GEORGE W., Assistant Professor of Drawing and Machine Design, West Virginia University, Morgantown, W. Va..... 1926

GUITERAS, JOSEPH R., Professor of Mining Engineering, University of Wyoming, Laramie, Wyo. 1925

GULICK, LEE N., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1923
GUMMERE, H. V., Haverford College, Haverford, Pa. 1914
GUS, CHARLES E., Instructor in Electrical Engineering, New York University, New York City 1926
GWIAZDOWSKI, ALEXANDER P., Assistant Professor of Shop Practice, University of Michigan, Ann Arbor, Mich. 1928
HAERTLEIN, ALBERT, Associate Professor of Civil Engineering, Harvard University, Cambridge, Mass. 1929
HAFFORD, W. B., Assistant Professor of Mechanical Engineering, Montana State College, Bozeman, Mont. 1929
HALE, ROBERT S., Supt., Special Research Dept. Edison Illuminating Company of Boston, 39 Boylston Street, Boston, Mass... 1916
HALES, VIRGIL D., Instructor in Civil Engineering, Fenn College, Cleveland, Ohio 1930
HALL, AMY V., Associate in English, University of Washington, Seattle, Wash. 1925
HALL, B. RUPERT, Supt. of Pattern Laboratory, University of Illinois, Urbana, Ill. 1920
HALL, HOWARD J., Associate Professor of English, Stanford University, Stanford, Calif. 1924
HALL, JAMES A., Professor of Mechanical Engineering, Brown University, Providence, R. I. 1914
HALL, OAKEL F., Professor of Sociology, Purdue University, Lafayette, Ind. 1928
HALL, RUSSELL A., Assistant Professor of Civil Engineering, Union College, Schenectady, N. Y. 1925
HALL, STANLEY G., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1927
HALL, VORIS B., Assistant Professor of Physics, Bucknell University, Lewisburg, Pa. 1927
HALL, WALTER C., College Employment Representative, Illinois Bell Telephone Company, 212 West Washington Street, Chicago, Ill. 1929
HALL, WESLEY B., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1925
HALL, WILLIAM H., Professor of Civil Engineering, Duke University, Durham, N. C. 1927
HALLIDAY, WILLIAM R., Associate Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1926
HALLIGAN, CLAIR W., Engineer, American Telephone and Telegraph Co., 195 Broadway, New York City 1925
HALLOCK, J. W., Professor and Head of Industrial Engineering, University of Pittsburgh, Pittsburgh, Pa. 1915

HAMILTON, EDW. P., Vice President and Treasurer, John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. 1914
HAMILTON, GEO. A., Retired, 532 Morris Ave., Elizabeth, N. J.... 1911
HAMILTON, JAMES B. 1924
HAMILTON, J. O., Professor of Physics, Kansas State Agricultural College, Manhattan, Kans. 1910
HAMMOND, H. P., Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. Director of Summer Schools for Engineering Teachers, S. P. E. E. (*Associate Director of Investigations, 1923–29; Member of Council, 1927–30*) 1916
HAMMOND, JOHN HAYS, Engineer, 2221 Kalarama Road, N. W., Washington, D. C. 1925
HANCE, JAMES H., Dean, School of Mines, Oregon State College, Corvallis, Ore. 1926
HANEY, JILES W., Professor and Chairman, Department of Mechanical Engineering, University of Nebraska, Lincoln, Nebr..... 1916
HANNA, U. S., Professor of Mathematics, Indiana University, Bloomington, Ind. 1915
HANSEN, EINAR T., Instructor in Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1930
HANSEN, ARTHUR S., Instructor in Mathematics, Armour Institute of Technology, 18 South Dearborn Street, Chicago, Ill..... 1927
HANSON, THOMAS C., Instructor in Mathematics and Civil Engineering, University of Detroit, Detroit, Mich. 1930
HARBARGER, SADA A., Assistant Professor of English, The Ohio State University, Columbus, Ohio. (*Member of Council, 1926–9.*) 1918
HARDER, OSCAR E., Professor of Metallography, Bartell Institute, Columbus, Ohio 1925
HARDGRAVE, JOHN C., Instructor in Mechanical Engineering, Supt. of Shops, Texas Technological College, Lubbock, Texas 1930
HARDING, C. FRANCIS, Head, School of Electrical Engineering, Purdue University, Lafayette, Ind. (*Vice-President, 1930–31; Member of Council, 1918–21; 1930–31.*) 1908
HARDING, E. P., Associate Professor of Chemistry, University of Minnesota, Minneapolis, Minn. 1924
HARDING, GEORGE H., Instructor in Civil Engineering and Mathematics, University of Louisville, Louisville, Ky. 1930
HARKNESS, DANIEL H., Instructor in Civil Engineering, University of Nebraska, Lincoln, Nebr. 1928
HARLAN, ORLAN K., Consultant in Mechanical Engineering, State College, Pa. 1921
HARPER, A. C., Supervisor and Head, Department of Industrial Mechanical Engineering, Pratt Institute, Brooklyn, N. Y.... 1911

HARRINGTON, THOS. H., Professor of Engineering Drafting, Columbia University, New York City 1925
HARRIS, C. L., Professor of Architectural Engineering, The Pennsylvania State College, State College, Pa. 1914
HARRIS, HARRY E., Consulting Engineer, 299 Thorne Street, Bridgeport, Conn. 1924
HARRIS, WALTER B., Professor of Geodesy, Princeton University, Princeton, N. J. 1914
HARRISON, THOMAS P., Professor of English, North Carolina State College, Raleigh, N. C. 1923
HART, CLARENCE A., 418 N. Pine St., San Gabriel, Calif. 1926
HART, S. T., Professor of Industrial Engineering, Syracuse University, Syracuse, N. Y. 1923
HARTER, G. A., Professor of Mathematics, University of Delaware, Newark, Del. 1905
HARTIG, HENRY E., Associate Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1922
HARTMANN, F. M., Dean, Schools of Engineering, Professor of Electrical Engineering, Cooper Union, New York, N. Y. 1908
HARTWICH, FREDERICK C. Professor of Calculus and Mechanics, University of Dayton, Dayton, Ohio 1927
HASKELL, L. ST. J., Assistant to Vice President, The Bell Telephone Company of Canada, 502 Grosvenor Avenue, Westmount, Quebec, Canada 1925
HASTINGS, HUDSON B., Professor of Industrial Engineering, Yale University, New Haven, Conn. 1928
HATCH, D. ARTHUR, Associate Professor of Mathematics, Lafayette College, Easton, Pa. 1908
HATCH, FORREST M., c/o 50 Warwick Road, Melrose, Mass..... 1926
HATFIELD, HAROLD D., Professor of Industrial Engineering, Rutgers University, New Brunswick, N. J. 1927
HATT, W. K., Head, School of Civil Engineering and Director of the Materials Testing Laboratory, Purdue University, Lafayette, Ind. (*Member of Council, 1926–9.*)..... 1895
HAULTAIN, H. E. T., Professor of Mining Engineering, University of Toronto, Toronto, Ont., Canada 1911
HAUSMANN, ERICH, Professor of Physics and Electrical Communication, Polytechnic Institute of Brooklyn, Brooklyn, N. Y... 1926
HAWKES, JOHN B., Engineering Editor, Ginn and Company, 15 Ashburton Place, Boston, Mass. 1927
HAWKINS, GEORGE A., Assistant Instructor in Applied Mechanics, Purdue University, Lafayette, Ind. 1930
HAWTHORN, GEORGE E., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1929

HAY, EARL D., Head, Departments of Mechanical and Industrial Engineering, University of Kansas, Lawrence, Kans. 1915
HAYES, LESLIE D., Professor of Machine Design and Construction, West Virginia University, Morgantown, W. Va. 1922
HAYGOOD, T. F., Assistant Professor of Economics, University of Louisville, Louisville, Ky. 1930
HAYNES, WALTER, Dean of Engineering, Oregon Institute of Technology, Portland, Ore. 1926
HAZARD, CLIFTON T., Assistant Professor of Mathematics, Purdue University, Lafayette, Ind. 1923
HAZELTINE, ALAN, 3644 Dimond Avenue, Oakland, Calif. 1910
HEACOCK, FRANK A., Head, Dept. of Graphics and Engineering Drawing, Princeton University, Princeton, N. J. 1926
HEAD, CARL I., Professor of Mechanical Engineering, James Milliken University, Decatur, Ill. 1926
HEANY, ARTHUR G., Manager, Text-Book Dept., D. Van Nostrand Company, 250 4th Avenue, New York, N. Y. 1929
HECK, CHARLES R., Manager, College Department, McGraw-Hill Book Co., 370 Seventh Avenue, New York City 1927
HECK, NICHOLAS H., Chief, Division of Terrestrial Magnetism and Seismology, Coast and Geodetic Survey, Washington, D. C... 1923
HECK, ROBERT C. H., Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1929–32.*) 1907
HEDRICK, E. R., Professor of Mathematics, University of California at Los Angeles, Calif. (*Member of Council, 1926–9.*) 1910
HEDRICK, WM. A., Head of the Department of Physics of the High and Manual Training Schools, Central High School, Washington, D. C. 1913
HEFLIN, S. M., Assistant Professor of Physics, Virginia Military Institute, Lexington, Va. 1924
HEHRE, FREDERICK W., Associate Professor of Electrical Engineering, Columbia University, New York City 1926
HEISIG, G. B., Instructor in Inorganic Chemistry, University of Minnesota, Minneapolis, Minn. 1924
HELWIG, WM. F., Assistant Professor of Electrical Engineering, Texas Technological College, Lubbock, Texas 1930
HENDERSON, CHARLES, Assistant Professor of Experimental Engineering, University of Virginia, University, Va. 1926
HENDRICK, T. K. A., Assistant Engineer Designer, Board of Water Supply, City of New York, 58 Forest Avenue, New Rochelle, N. Y. 1921
HENLINE, HENRY H., Assistant National Secretary, American Institute of Electrical Engineers, 33 W. 39th Street, New York City 1919

HENSHAW, CHARLES N., Assistant Professor of Mechanical Engineering, Renssalear Polytechnic Institute, Troy, N. Y. 1930

HERALD, WILLIAM F., Black Hills Utilities Company, Rapid City, S. D. 1928

HERINGTON, GEORGE B., Lecturer, Oregon Agricultural College, Corvallis; 622 Kearny Street, Portland, Ore. 1928

HERR, E. M., President, Westinghouse E. & M. Co., 150 Broadway, New York City 1924

HERRICK, CARL A., Associate Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn..... 1922

HERRINGTON, JOHN A. 1925

HERRMANN, RAYMOND R., Manager, Rate and Sales Research Dept., Northern States Power Co., 15 So. 5th St., Minneapolis, Minn. 1926

HERSHEY, ARTHUR W., Research Engineer, Bell Telephone Laboratories, 463 West Street, New York, N. Y. 1927

HERTZLER, ELMER A., Instructor in Mathematics, Pratt Institute, Brooklyn, N. Y. 1929

HESSE, HERMAN C., Assistant Professor of Mechanical Engineering, Head, Department of Engineering Drawing, Newark College of Engineering, Newark, N. J. 1929

HESSLER, VICTOR P., Instructor in Electrical Engineering, Iowa State College, Ames, Iowa. 1928

HEWITT, CHARLES E., Assistant to Director, American Council on Education, 26 Jackson Place, Washington, D. C. 1915

HIBSHMAN, NELSON S., Assistant Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1930

HICKERSON, T. F., Professor of Civil Engineering, University of North Carolina, Chapel Hill, N. C. 1914

HIGBEE, F. G., Professor and Head of the Department of Descriptive Geometry and Drawing, State University of Iowa, Iowa City, Ia. (*Vice President, 1922–3; Member of Council, 1916–9.*) 1906

HIGBIE, H. H., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1929–32.*) 1908

HILL, A. S., Professor of Electrical Engineering, University of Maine, Orono, Me. 1919

HILL, J. E., Professor of Civil Engineering, Brown University, Providence, R. I. 1894

HINCKLEY, ALFRED D., Instructor in Electrical Engineering, Columbia University, New York City 1929

HINRICHS, FREDERIC W., JR., Professor of Mechanics, California Institute of Technology, Pasadena, Calif. 1925

HIROTA, SEIITI, 22 Denyen-Chofu, Ebara-Gori, near Tokyo, Japan 1927

HITCHCOCK, E. A., Dean of Engineering College, Director, Engineering Experiment Station, The Ohio State University, Columbus, O. (*Vice President, 1929–30; Member of Council, 1922–5.*) 1921

HITCHCOCK, LAUREN B., Associate Professor of Chemical Engineering, University of Virginia, University, Va. 1928

HITCHCOCK, LEON W., Professor of Electrical Engineering, University of New Hampshire, Durham, N. H. 1922

HIXON, CHARLES R., Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1910

HOAD, W. C., Professor of Sanitary and Municipal Engineering, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1925–8.*) 1907

HOADLEY, ANTHONY, Assistant Professor of Civil Engineering, Union College, Schenectady, N. Y. 1928

HOBBS, ALLAN W., Associate Professor of Applied Mathematics, University of North Carolina, Chapel Hill, N. C. 1910

HOBBS, GEORGE W., Assistant Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1925

HOCKEMA, FRANK C., Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1921

HODGE, PERCY, Professor of Physics, Stevens Institute of Technology, Hoboken, N. J. 1928

HODGE, WILLARD W., Professor of Chemical Engineering, West Virginia University, Morgantown, W. Va. 1930

HOEFER, E. G., Professor of Mechanical Engineering, University of North Carolina, Chapel Hill, N. C. 1910

HOELSCHER, RANDOLPH P., Associate Professor of General Engineering Drawing, University of Illinois, Urbana, Ill. 1912

HOFFMAN, A. H., Agricultural Engineer, Experiment Station, University of California, Davis, Calif. 1907

HOFFMAN, J. D., Professor and Head, Dept. of Practical Mechanics and Director of Laboratories, Purdue University, Lafayette, Ind. 1907

HOFMANN, G. A., Professor of Mechanical Engineering, University of Dayton, Dayton, O. 1916

HOGLUND, GUSTAV O., Aluminum Company of America, New Kensington, Pa. 1928

HOLBROOK, E. A., Dean, Schools of Engineering and Mines, University of Pittsburgh, Pittsburgh, Pa. 1927

HOLCOMB, GLENN W., Assistant Professor of Civil Engineering, Oregon Agricultural College, Corvallis, Ore. 1927

HOLDEN, CHARLES A., Professor of Civil Engineering, Dartmouth College, Hanover, N. H. 1901

HOLDER, FRANCIS J., Professor of Mathematics, Mercer University, Macon, Ga. 1912

HOLLAND, UBERT C., Instructor in Engineering Design, University of Pennsylvania, Philadelphia, Pa. 1930

HOLLIS, I. N., President, Retired, Worcester Polytechnic Institute, 985 Memorial Drive, Cambridge, Mass. (*Vice President, 1917–8; Member of Council, 1898–01.*) 1894

HOLLISTER, S. C., Professor of Structural Engineering, Assistant Director, Testing Materials Laboratory, Purdue University, Lafayette, Ind. 1916

HOLMAN, W. F., Professor and Supervising Engineer, University of Minnesota, Minneapolis, Minn. 1912

HOLMBERG, CARL H., Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1924

HOLMES, FRED E., Assistant Professor of Mechanics and Hydraulics, Manager, Housing Service, The State University of Iowa, Iowa City, Ia. 1919

HOLT, A. H., Associate Professor of Civil Engineering, State University of Iowa, Iowa City, Iowa 1923

HOMBERGER, ALFRED W., Professor of Chemistry and Director of Chemical Laboratories, University of Louisville, Louisville, Ky. 1926

HOOD, GEO. J., Professor of Engineering Drawing, University of Kansas, Lawrence, Kans. 1914

HOOD, O. P., Chief, Technologic Branch, U. S. Bureau of Mines, 1831 Irving St., N. W., Washington, D. C. (*Member of Council, 1912–8.*) 1893

HOOPER, ELMER G., Associate Professor of Hydraulics, New York University, New York, N. Y. 1909

HOOVER, THEODORE J., Dean, Engineering School, Stanford University, Stanford University, Calif. (*Member of Council, 1930–33.*) 1919

HOPKINS, L. A., Associate Professor of Mathematics, Secretary, Colleges of Engineering and Architecture, University of Michigan, Ann Arbor, Mich. 1923

HORINE, JOHN S., Associate Professor of Drawing, University of Kentucky, Lexington, Ky. 1929

HOSKINS, L. M., Emeritus Professor of Applied Mathematics, 1240 Waverly St., Palo Alto, Calif. (*Member of Council, 1917–20.*) 1893

HOSMER, GEO. L., Professor of Geodesy, Massachusetts Institute of Technology, Cambridge, Mass. 1914

HOSTED, EDWARD G., Instructor in Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1929

HOSTETTER, H. C., Instructor in Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1926

HOTCHKISS, CHARLES H. B., 6th floor, 521 Fifth Ave., New York City 1925

HOTCHKISS, W. O., President, Michigan College of Mining and Technology, Houghton, Mich. 1926

HOUCHERS, JOHN M., Coordinator, University of Louisville, Louisville, Ky. 1930

HOUSE, E. B., Professor of Civil and Irrigation Engineering, Colorado State Agricultural College, Ft. Collins, Colo. 1913

HOUSTON, HALE, Associate Professor of Civil Engineering, Washington and Lee University, Box 422, Lexington, Va. 1914

HOWARD, DARNLEY, Assistant Professor of Mechanical Engineering, Howard University, Washington, D. C. 1928

HOWARD, JOHN W., Associate Professor of Topographical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1907

HOWARD, PAUL F., 144 Circuit Rd., Winthrop, Mass. 1923

HOWE, C. D., Consulting Engineer, C. D. Howe & Co., Consulting Engineers, 7th Floor, Whalen Building, Port Arthur, Ontario, Canada 1912

HOWE, C. S., President Emeritus, Case School of Applied Science, North Amherst, Mass. (*President, 1907–8; Vice President, 1906–7; Member of Council since 1903.*) 1902

HOWE, JEROME W., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925

HOWE, LEON B., Professor of Drawing, College of Applied Science, Syracuse University, Syracuse, N. Y. 1917

HOWELL, ALMONTE C., Associate Professor of English, Assistant Dean of the Graduate School, University of North Carolina, Chapel Hill, N. C. 1922

HOWELL, ERIC V., Assistant Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1927

HOWELL, ROGER S., Professor of Experimental Engineering, Director of Evening School, Georgia School of Technology, Atlanta, Ga. 1919

HOWER, H. S., Professor and Head, Department of Physics, Carnegie Institute of Technology, Pittsburgh, Pa. 1914

HOWITT, NATHAN, Physicist, Naval Research Laboratory, Washington, D. C. 1925

HOWLAND, WARREN E., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1926

HUACUJA, FEDERICO, Professor of Drawing, Escuela de Ingenieros Mecánicos Electricistas, Netzahualcoyotl, 75, Mexico City, Mexico 1926

HUDSON, ROSS C., Assistant Professor of Mechanics and Drawing, Clarkson College of Technology, Potsdam, N. Y. 1927

HUFFMON, RAYMOND L., 1803 E. Slauson Street, Los Angeles, Calif. 1930

HUGHES, C. A., Assistant Professor of Structural Engineering, University of Minnesota, Minneapolis, Minn. 1927

HUGHES, GEORGE G., Professor of Mechanical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1924

HUGHES, THOMAS P., Instructor in Forging and Heat Treatment, University of Minnesota, Minneapolis, Minn. 1927

HULL, ROBERT H., Assistant Professor of Electrical Engineering, University of Idaho, Moscow, Ida. 1929

HUME, ALFRED, Chancellor, University of Mississippi, University, Miss. 1894

HUMPHREY, CARL T., Dean, School of Technology, Professor of Civil Engineering, Villanova College, Villanova, Pa. 1921

HUMPHREY, HERBERT K., Professor of Electrical Engineering, Rice Institute, Houston, Tex. 1918

HUMPHRIES, POWELL H., Assistant Professor of Electrical Engineering, Tulane University, New Orleans, La. 1930

HUNT, GUY H., Assistant Professor of Applied Mathematics, University of California at Los Angeles, Calif. 1923

HUNT, LOUIS W., Professor of Chemical Engineering, Fenn College, Cleveland, Ohio 1930

HUNT, ORVILLE D., Assistant Professor of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1927

HUNTER, J. A., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. (*Member of Council, 1925–8.*) 1904

HUNTER, JAMES W., Instructor in Mechanical Technology, Pratt Institute, Brooklyn, N. Y. 1929

HUNTINGTON, E. V., Professor of Mechanics, Harvard University, Cambridge, Mass. (*Member of Council, 1914–7.*) 1906

HUNTINGTON, W. C., Professor and Head, Dept. of Civil Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1929–32.*) 1914

HUNTLY, PHILIP C., Associate Professor of Experimental Engineering, Armour Institute of Technology, Chicago, Ill. 1927

HUSTEDT, HERMAN F., Instructor in Mechanic Arts, Chief Engineer and Supt. of Buildings and Grounds, Tulane University, New Orleans, La. 1922

HUTCHINSON, CHARLES A., Professor of Engineering Mathematics, University of Colorado, Boulder, Colo. 1923

HYDE, A. L., Professor of Bridge Engineering, University of Missouri, Columbia, Mo. 1904

HYDE, EMMA, Associate Professor of Mathematics, Kansas State Agricultural College, Manhattan, Kansas 1929

HYLAND, PATRICK H., Associate Professor of Machine Design, University of Wisconsin, Madison, Wis. 1925

IHRIG, ROSCOE M., Director, Division of General Studies, and Night Courses, Dean of Freshmen, Carnegie Institute of Technology, Pittsburgh, Pa. 1925

IMMEDIATO, GERARDO, 4 West 43d Street, New York, N. Y. 1926

INGALLS, JAMES W., Professor of Industrial Engineering, Northeastern University; 95 Erie Avenue, Newton Highlands, Mass. 1923

INGRAM, EDWARD L., Professor of Railroad Engineering and Geodesy, University of Pennsylvania, Philadelphia, Pa. 1908

IRLAND, GEORGE A., Assistant Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1927

ISENBERG, DAVID A., Head, Department of Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1928

ISRAELSEN, ORSON W., Professor of Irrigation and Drainage, Agricultural College of Utah, Logan, Utah 1928

JABLOW, CHARLES, Railway Mechanical Engineer, Westinghouse E. & M. Co., 137 Avenue A, Forest Hills, Pa. 1910

JACKLIN, HAROLD M., Associate Professor of Automotive Engineering, Purdue University, Lafayette, Ind. 1925

JACKSON, DANIEL D., Executive Officer and Professor of Chemical Engineering, Columbia University, New York City..... 1924

JACKSON, DUGALD C., Professor of Electric Power Production and Distribution in Charge of Dept. of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. (*President, 1906–7; Member of Council since 1906; Member, Board of Investigation and Coordination, 1922–.*) 1893

JACKSON, DUGALD C., JR., Professor and Head, Department of Electrical Engineering, University of Kansas, Lawrence, Kansas 1922

JACKSON, JOHN PRICE, Manager, Personnel Bureau, The New York Edison Co., 4 Irving Place, New York City. (*Vice President, 1905–6; Member of Council, 1894–7.*) 1893

JACOBUS, D. S., Advisory Engineer, The Babcock & Wilcox Co., 85 Liberty St., New York, N. Y. 1893

JACOBY, HENRY S., Professor of Bridge Engineering, Emeritus, Cornell University, 3000 Tilden St., N.W., Washington, D. C. (*President, 1915–6; Vice President, 1913–4; Secretary, 1900–2; Member of Council, 1900–5; 1915–.*)..... 1894

JAMES, J. H., Professor of Chemistry, Carnegie Institute of Technology, Pittsburgh, Pa. 1910

JAMES, WALTER H., Associate Professor of Mechanical Engineering Drawing, Massachusetts Institute of Technology, Cambridge, Mass. 1926

JAMIESON, ROBERT E., Assistant Professor of Civil Engineering, McGill University, Montreal, Canada 1929
JANDA, H. F., Professor of Highway Engineering and City Planning, University of Wisconsin, Madison, Wis. 1924
JANSKY, CYRIL M., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1924
JENKIN, ANTHONY, Associate Professor of Mining Engineering Case School of Applied Science, Cleveland, O. 1921
JENKINS, DAVID R., Professor of Electrical Engineering, University of North Dakota, University Station, Grand Forks, N. D. 1912
JENKINS, FRED R., Educational Director, Chicago Central Station Institute, 72 West Adams Street, Chicago, Ill..... 1924
JENNESS, LYLE C., Assistant Professor of Chemical Engineering, University of Maine, Orono, Me. 1926
JENSEN, GORDON L., Instructor in Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1929
JETT, CARTER C., Professor of Machine Design, University of Kentucky, Lexington, Ky. 1925
JETT, DANIEL B., Associate Professor of Civil Engineering, New Mexico A. & M. College, State College, N. M. 1928
JEWELL, ALBERT H., Executive Director, Health Conservation Association, 1020 McGee Street, Kansas City, Mo. 1923
JEWETT, ARTHUR C., Director, College of Industries, Carnegie Institute of Technology, Pittsburgh, Pa. 1925
JEWETT, F. B., Vice President, American T. & T. Co., President, Bell Telephone Laboratories, Inc., 195 Broadway, New York, N. Y. 1914
JOERGER, C. ALBERT, Professor of Mechanical Engineering, University of Cincinnati, Cincinnati, Ohio 1929
JOHN, WALTON C., Specialist in Graduate and Professional Education, U. S. Office of Education, Department of Interior, Washington, D. C. 1923
JOHNDROE, S. G., Educational Director, Massachusetts Reformatory, 871 Main Street, Concord, Mass. 1921
JOHNSON, A. R., Professor of Structural Design, Rutgers University, New Brunswick, N. J. 1909
JOHNSON, CHARLES A., Director, Vocational Education, Public Schools, Great Southern Life Building, Houston, Texas 1927
JOHNSON, CLAIR C., Assistant Professor of Civil Engineering, University of Detroit, Detroit, Mich. 1929
JOHNSON, ELMER W., Assistant Professor of Electrical Power Engineering, University of Minnesota, Minneapolis, Minn. 1926
JOHNSON, F. ELLIS, Professor and Head, Department of Electrical Engineering, Iowa State College, Ames, Iowa 1916

JOHNSON, FREDERICK M. G., Professor of Inorganic Chemistry, Director, Department of Chemistry, McGill University, Montreal, Canada 1928

JOHNSON, HERMAN P., Associate Professor of English Literature, University of Virginia, University, Va. 1926

JOHNSON, J. HUGO, Professor and Head, Department of Electrical Engineering, University of Idaho, Moscow, Ida. 1926

JOHNSON, J. RICHARD, Professor of Applied Mechanics, University of Kentucky, Lexington, Ky. 1929

JOHNSON, J. S. A., Professor of Applied Mechanics and Experimental Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1921

JOHNSON, LEWIS J., Professor of Civil Engineering, Harvard University, Cambridge, Mass. (*Member of Council, 1902–5; 1908–11.*) 1898

JOHNSON, WILLIAM D., Electrical Engineer, Gulf States Steel Co., P. O. Box 341, Gadsden, Ala. 1927

JOHNSTON, W. A., Professor of Theoretical and Applied Mechanics, Massachusetts Institute of Technology, Cambridge, Mass.... 1907

JONES, ARTHUR S., Assistant Professor of Engineering Drawing, Pennsylvania State College, State College, Pa. 1929

JONES, CHARLES B., Instructor in Forging and Heat Treating, Pratt Institute, Brooklyn, N. Y. 1928

JONES, C. R., Dean of the College of Engineering and Professor of Power Engineering, West Virginia University, Morgantown, W. Va. (*Vice President, 1904–5.*) 1895

JONES, E. C., Assistant Professor of Shop Practice, Kansas State Agricultural College, Manhattan, Kans. 1917

JONES, F. E., Assistant Professor of Mechanic Arts, University of Kansas, Lawrence, Kans. 1915

JONES, JAMES B., Associate Professor of Mechanical and Experimental Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1927

JONES, J. C., Professor of Geology, University of Nevada, Reno, Nev. 1923

JONES, J. O., Professor of Hydraulics, University of Kansas, Lawrence, Kansas 1916

JONES, LAWRENCE D., Secretary, College of Engineering, Assistant Professor of Engineering Drawing, Ohio State University, Columbus, Ohio 1930

JONES, WALTER B., Assistant to Dean of Administration, Research Professor of Education, University of Pittsburgh, Pittsburgh, Pa. 1930

JONES, WALTER P., Associate Professor of English, University of Louisville, Louisville, Ky. 1930

JORDAN, HARVEY H., Professor and Head, General Engineering Drawing, and Assistant Dean, College of Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1924–7.*) 1915

JORDAN, HENRY G., Professor of Electrical Engineering, Colorado Agricultural College, Fort Collins, Colo. 1926

JORDAN, HERBERT E., Associate Professor of Mathematics, University of Kansas, Lawrence, Kans. 1924

JORGENSEN, ALBERT, Instructor in Drawing and Descriptive Geometry, University of Illinois, Urbana, Ill. 1926

JORGENSON, L. M., Assistant Professor of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1926

JUDD, HORACE, Professor of Hydraulic Engineering, The Ohio State University, Columbus, O. 1907

JURDAK, MANSUR, Professor of Mathematics, Director of Engineering Classes, American University of Beirut, Beirut, Syria 1929

JUSTIN, EDWARD M., Assistant Professor of Mathematics, Case School of Applied Science, Cleveland, Ohio 1928

KAESTLE, FRANCIS L., General Electric Company, Schenectady, N. Y. 1929

KAHN, LOUIS, Instructor in Electrical Engineering, Rutgers University, New Brunswick, N. J. 1929

KAMMERMAN, J. O., Professor and Head, Dept. of Electrical Engineering, South Dakota State School of Mines, Rapid City, S. D. 1924

KAMMEYER, JULIUS E., Professor and Head, Department of Economics, Kansas State Agricultural College, Manhattan, Kansas. 1929

KANE, EDW. W., Assistant Professor of Electrical Engineering, Marquette University, Milwaukee, Wis. 1921

KAPP, CECIL A., Director, Cooperative Education, Drexel Institute, Philadelphia, Pa. 1929

KARTAK, FRANZ A., Dean of Engineering, Marquette University, Milwaukee, Wis. 1922

KAULFUSS, J. E., Professor of Highway Engineering, The Pennsylvania State College, State College, Pa. 1927

KAVANAUGH, DENNIS, JR., Associate Professor of Mechanical Engineering, Post Graduate School, U. S. Naval Academy, Annapolis, Md. 1925

KAVANAUGH, W. H., Professor of Experimental Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1919–22.*) 1902

KEATOR, FREDERIC W., Assistant Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1929

KEELER, HUGH E., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1926

KEENAN, ERNEST C., Professor of Applied Mathematics, Syracuse University, Syracuse, N. Y. 1926

KEGERREIS, ROY, Physician, Room 905, 307 No. Michigan Blvd., Chicago, Ill. (Life Member.) 1913

KEIM, PAUL F., Instructor in Civil Engineering, University of Nebraska, Lincoln, Nebr. 1930

KELLER, ARTHUR R., Dean, College of Applied Science, University of Hawaii, 2456 Oahn Avenue, Honolulu, T. H. 1910

KELLER, GEORGE J., Assistant Professor of Steam Engineering, The State University of Iowa, Iowa City, Ia. 1919

KELLER, JOHN F., Steel Specialist, Purdue University, Lafayette, Ind. 1925

KELLER, J. O., Professor of Engineering Extension, The Pennsylvania State College, State College, Pa. 1916

KELLER, WILLIAM A., Professor of Electrical Engineering, University of Mexico, Mexico City, Mexico 1926

KELTON, FRANK C., Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1925

KEMLER, EMORY, Instructor in Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1929

KENERSON, W. H., Professor of Mechanical Engineering, Chairman Division of Engineering, Brown University, Providence, R. I. (*Member of Council, 1924–7.*) 1903

KENNARD, HAROLD J., Assistant Professor of Graphics, Lafayette College, Easton, Pa. 1930

KENNEDY, F. L., Associate Professor of Engineering Drawing, Harvard University, Cambridge, Mass. 1904

KENNELLY, A. E., Professor of Electrical Engineering, Emeritus, Harvard University and Massachusetts Institute of Technology, Cambridge, Mass. 1916

KENRICK, GLEASON W., Assistant Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1927

KENT, BENJAMIN C., Professor of Engineering Drafting, University of Maine, Orono, Me. 1922

KENT, CLARENCE H., Professor of Mechanical Engineering, 717 E. Huron St., Ann Arbor, Mich. 1926

KENT, J. M., Teacher of Steam and Electricity and Radio Engineering, Manual Training High School, Kansas City, Mo..... 1903

KEPNER, HAROLD M., Assistant Professor of Civil Engineering, Utah State Agricultural College, Logan, Utah 1930

KERCHNER, RUSSELL M., Associate Professor of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1923

KEREKES, FRANK, Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa 1927

KERN, EDWARD F., Associate Professor of Electro-metallurgy, Columbia University, New York City 1925

KERSTEN, HAROLD J., Assistant Professor of Mathematics, University of Cincinnati, Cincinnati, Ohio 1927

KESNER, HENRY J., Professor of Civil Engineering, University of Nebraska, Lincoln, Nebr. 1921

KETCHUM, MILO S., Dean, College of Engineering, Director, Engineering Experiment Station, University of Illinois, Urbana, Ill. (*President, 1917–8; Vice President, 1910–11; Secretary, 1904–6; Member of Council, 1904–9; 1916–.*) 1903

KETCHUM, R. B., Dean, School of Mines and Engineering, University of Utah, Salt Lake City, Utah 1928

KEYES, DONALD B., Professor of Industrial Chemistry, University of Illinois, Urbana, Ill. 1928

KIEFER, EARL C., Professor of Mathematics, James Milliken University, Decatur, Ill. 1921

KIEFER, PAUL J., Professor of Mechanical Engineering, Post Graduate School, U. S. Naval Academy, Annapolis, Md. 1917

KILPATRICK, A. VERN, Assistant Professor of Mechanical Engineering, Missouri School of Mines, Rolla, Mo. 1929

KIMBALL, D. S., Professor of Industrial Engineering, and Dean, College of Engineering, Cornell University, Ithaca, N. Y. (*President, 1928–29; Vice President, 1922–23; Member, Board of Investigation and Coordination, 1924–; Member of Council, 1928–.*) 1915

KIMBERLY, EMERSON E., Assistant Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio 1928

KING, EVERITT E., Professor of Railway Civil Engineering, University of Illinois, Urbana, Ill. 1908

KING, GEORGE C., Professor of Mechanical Engineering Design, Purdue University, Lafayette, Ind. 1926

KING, H. W., Professor of Hydraulic Engineering, University of Michigan, Ann Arbor, Mich. 1913

KING, MORLAND, Professor and Head, Dept. of Electrical Engineering, Lafayette College, Easton, Pa. 1920

KING, RAY S., Head, Department of Mechanical Engineering, Georgia School of Technology, Atlanta, Ga. (*Vice President, 1924–5; Member of Council, 1920–5.*) 1904

KINGMAN, EDWARD D., Head, Department of Applied Mechanics, Wentworth Institute, Boston, Mass. 1923

KINNEY, EDWARD D., Associate Professor of Metallurgy in charge of Chemical Engineering, University of Kansas, Lawrence, Kans. 1922

KINNEY, EDWARD E., Assistant Professor of Electrical Engineering, Michigan State College, East Lansing, Mich. 1925

KINSLOE, CHARLES L., Head, Department of Electrical Engineering, The Pennsylvania State College, State College, Pa..... 1926

KIRBY, RICHARD S., Associate Professor of Engineering Drawing, Sheffield Scientific School, Yale University, New Haven, Conn. 1911

KIRCHNER, W. H., Professor and Head, Dept. of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1910

KISSAM, PHILIP, Assistant Professor of Civil Engineering, Princeton University, Princeton, N. J. 1929

KITTREDGE, RAYMOND B., Professor of Transportation Engineering, State University of Iowa, Iowa City, Ia. 1921

KLEIN, A. W., Professor of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1908

KLEMIN, ALEXANDER, Professor of Aeronautical Engineering, New York University, New York City 1926

KLINGER, WERNER W., Instructor in Civil Engineering, South Dakota State School of Mines, Rapid City, S. D. 1929

KLOEFFLER, ROYCE G., Professor and Head, Department of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1919

KLOPSTEG, PAUL E., President, Central Scientific Company, 460 East Ohio Street, Chicago, Ill. 1928

KLOTZ, FREDERICK E., Instructor in Civil Engineering, Iowa State College, Ames, Iowa 1928

KLUGH, WILLISTON W., Associate Professor of Drawing, Clemson Agricultural College, Clemson College, S. Car. 1929

KNAPP, WILLARD A., Professor of Engineering Extension Service, Purdue University, Lafayette, Ind. 1920

KNIGHT, ABNER R., Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1929

KNIGHT, ARTHUR J., Professor of Civil Engineering, Supt., Buildings and Grounds, Worcester Polytechnic Institute, Worcester, Mass. 1926

KNIGHT, CARL D., Professor of Experimental Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1907

KNIGHT, W. A., Professor of Mechanical Practice, The Ohio State University, Columbus, O. 1907

KNIPMEYER, CLARENCE C., Professor of Electrical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929

KNIPP, CHARLES T., Professor of Experimental Electricity, University of Illinois, Urbana, Ill. 1921

KNOWLES, MAHLON G., Instructor in Applied Science, Wentworth Institute, Boston, Mass. 1922

KNOWLES, MORRIS, President and Chief Engineer, 507 Westing-

house Building, Pittsburgh, Pa. (*Member of Council, 1921–4.*) 1919

KNOWLTON, ARCHER E., Editor, The Electrical World, McGraw-Hill Publishing Co., 10th Avenue at 36th Street, New York, N. Y. 1923

KOCH, RUTH L., Instructor in Coordination and Correlation, Speed Scientific School, University of Louisville, Louisville, Ky..... 1927

KOENITZER, LESTER H., Instructor in Applied Mechanics, Kansas State Agricultural College, Manhattan, Kansas 1929

KOEPKE, CHARLES A., Associate Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1929

KOERBER, G. A., Professor of Electrical Engineering, Delaware College, Newark, Del. 1915

KOLB, ROBERT P., Assistant Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1925

KOLBE, PARKE R., President, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1926

KOMMERS, JESSE B., Professor of Mechanics, University of Wisconsin, Madison, Wis. 1923

KOPP, CHARLES F., Assistant Professor of Mechanical Engineering, University of Detroit, Detroit, Mich. 1930

KOVARIK, ALOIS F., Professor of Physics, Sheffield Scientific School, Yale University, New Haven, Conn 1919

KOWALKE, OTTO L., Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1918

KRATHWOHL, WM. C., Associate Professor of Mathematics, Armour Institute of Technology, Chicago, Ill. 1927

KREFELD, WILLIAM J., Assistant Professor of Civil Engineering, Columbia University, New York City 1929

KROTZER, F. W., 442 Greenwich Avenue, Milwaukee, Wis. 1929

KUHLMAN, JOHN H., Associate Professor of Electrical Design, University of Minnesota, Minneapolis, Minn. 1925

KUNKLE, GEORGE M., Instructor in Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1925

KURTZ, E. B., Professor and Head, Department of Electrical Engineering, University of Iowa, Iowa City, Iowa 1921

KURZWEIL, ARTHUR C., Instructor in Engineering Drawing, University of Minnesota, Minneapolis, Minn. 1930

LAFRENIÈRE, THEO. J., Professor of Sanitary Engineering, École Polytechnique, 59 Notre Dame, East Montreal, Canada 1923

LAMBE, EMERSON P., Instructor in Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1926

LAMBERT, B. J., Head, Dept. of Civil Engineering, State University of Iowa, Iowa City, Ia. 1907

LAMBERT, LEROY S., Assistant to the President, Northwestern Bell Telephone Company, 1204 Telephone Building, Omaha, Neb. 1929

LAMBERTINE, JOSEPH A., Instructor in Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1928

LAMBIE, JOS. S., Operating Manager, Concrete Products Company of America, Diamond Bank Building, Pittsburgh, Pa..... 1914

LAMKIN, ROBERT L., Industrial Relations, Union Carbide Company, 30 East 42d Street, New York City 1929

LANDREAU, GEORGES L., Professor of Engineering Drawing, Ecole Polytechnique, Montreal, Canada 1930

LANDRETH, OLIN H., 140 Park Ave., Mt. Vernon, New York, N. Y. (*Vice President, 1908–9; Member of Council, 1892–5; 1901–4.*) 1893

LANGE, PAULUS, Assistant Professor of English, Iowa State College, Ames, Iowa 1922

LANGILLE, H. B., Associate Professor of Machine Design and Mechanical Drawing, University of California, Berkeley, Cal... 1915

LANGSDORF, ALEXANDER S., Dean, Schools of Engineering and Architecture, Washington University, 5187 Cabanne Ave., St. Louis, Mo. (*Member of Council, 1913–16.*) 1903

LANIER, A. C., Professor and Chairman, Department of Electrical Engineering, University of Missouri, Columbia, Mo. (*Member of Council, 1927–30.*) 1915

LANING, WILLARD A., Research Graduate Assistant in Electrical Engineering, University of Illinois, Urbana, Ill. 1930

LANSIL, CLIFFORD E., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass..... 1925

LAPHAM, JOHN R., Dean, Professor of Civil Engineering, George Washington University, Washington, D. C. 1912

LARKIN, F. V., Director of Mechanical and Industrial Engineering, Lehigh University, Bethlehem, Pa. (*Member of Council, 1930–33.*) 1912

LARSON, C. WILLIAM, Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1929

LARSON, G. L., Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1911

LATON, T. J., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1923

LAURSON, PHILIP G., Associate Professor of Engineering Mechanics, Yale University, New Haven, Conn. 1920

LAWRENCE, ERNEST F., Instructor in Electrical Engineering, Tufts College, Tufts College, (57) Mass. 1921

LAWRENCE, JAMES C., Assistant to President, University of Minnesota, Minneapolis, Minn. 1928

LAWRENCE, RUSSELL E., Dean of Engineering, University of Detroit, Detroit, Mich. 1926

LAWRENCE, R. R., Professor of Electrical Machinery, Massachusetts Institute of Technology, Cambridge, Mass. 1907

LAWS, F. A., Professor of Electrical Measurements, Massachusetts Institute of Technology, Cambridge, Mass. 1909

LAWSON, WENDELL P., Instructor in Architectural Design, The Pennsylvania State College, State College, Pa. 1926

LEAVITT, H. WALTER, Associate Professor of Civil Engineering, University of Maine, Orono, Me. 1922

LECONTE, J. N., Professor of Engineering Mechanics, University of California, Berkeley, Calif. 1913

LEE, FRANK H., Instructor in Engineering Drafting, Columbia University, New York City 1927

LEE, MYRON A., Professor of Industrial Engineering, Cornell University, Ithaca, N. Y. 1929

LEET, HORACE W., Professor of Machine Design and Mechanical Drawing, University of Rochester, Rochester, N. Y. 1930

LEFAVOUR, ROLAND W., Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1921

LEFEBVRE, OLIVIER O., Chief Engineer, Quebec Streams Commission, New Court House, Montreal, Canada 1919

LEHOCZKY, PAUL N., Instructor in Industrial Engineering, Ohio State University, Columbus, Ohio 1930

LEIGH, CHARLES W., Associate Professor of Analytic Mechanics, Armour Institute of Technology, Chicago, Ill. 1928

LEIGHTON, ARTHUR W., Assistant Professor of Graphics, Tufts College, Tufts College, Mass. 1922

LELAND, O. M., Dean, College of Engineering and Architecture, and the School of Chemistry, University of Minnesota, Minneapolis, Minn. (*President, 1926–7; Member of Council, 1921–4; 1926–.*) 1908

LENDALL, HARRY N., Professor of Municipal and Sanitary Engineering, Head, Dept. of Civil Engineering, Rutgers University, New Brunswick, N. J. 1912

LEONARD, CARROLL M., Assistant Professor of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1930

LEONARD, HEMAN BURR, Professor of Mathematics, University of Arizona, Tucson, Ariz. 1919

LEONARD, SAMUEL J., Associate Professor of Civil Engineering, Drexel Institute, Philadelphia, Pa. 1928

LEPAGE, CLIFFORD B., Assistant Secretary, The American Society of Mechanical Engineers, 29 West 39th St., New York City. 1908

LESTER, O. C., Professor of Physics, Dean of Graduate School, University of Colorado, Boulder, Colo. 1912

LEUTWILER, O. A., Professor of Mechanical Engineering Design, University of Illinois, Urbana, Ill. (*Member of Council, 1918–21.*) 1906

LEWIS, FRED J., Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1926

LEWIS, J. F., Assistant Manager, Pringle Electric & Mfg. Co., 505 Brinton St., Germantown, Philadelphia, Pa. (Life Member.) 1913

LEWIS, ROBERT S., Professor of Mining, University of Utah, Salt Lake City, Utah..... 1922

LEWISOHN, SAM A., Vice President and Treasurer, Miami Copper Company, 61 Broadway, New York City 1929

LICHTY, LESTER C., Associate Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1930

LIGHT, J. J., Assistant Professor of Mechanical Engineering, Pennsylvania State College, State College, Pa. 1917

LILLY, SCOTT B., Professor of Civil Engineering, Swarthmore College, Swarthmore, Pa. 1913

LINCOLN, P. M., Director, School of Electrical Engineering, Cornell University, Ithaca, N. Y. 1911

LINDBLAD, A. F., Assistant Professor of Naval Architecture, University of Michigan, Ann Arbor, Mich. 1921

LINDELL, W. FRANCIS, Instructor in Mechanical Engineering, University of Delaware, Newark, Del. 1922

LINDLEY, ROY W., Assistant Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1922

LINDSAY, FRANK B., Box 224, Colton, Calif. 1928

LITTLE, ARLINGTON P., Professor of Electrical Engineering, Colorado School of Mines, Golden, Colo. 1918

LLOYD, HAROLD RHYS, Assistant Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich 1926

LLOYD, TOM C., Professor in charge of Electrical Engineering, Antioch College, Yellow Springs, Ohio 1929

LOCKE, CHARLES E., Professor of Mining Engineering and Ore Dressing, Massachusetts Institute of Technology, Cambridge, Mass. 1924

LOCKWOOD, H. J., Professor of Power Engineering, Dartmouth College, Hanover, N. H. 1929

LOEBS, ELMER M., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1928

LOGAN, CHARLES A., Assistant Professor of Agricultural Engineering, Kansas State Agricultural College, Manhattan, Kansas .. 1930

LOHR, WM. S., Professor of Civil Engineering, Lafayette College, Easton, Pa. 1927

LOMMEL, GEORGE E., Professor of Topographical Engineering, Purdue University, Lafayette, Ind. 1926

LONG, MAURICE B., Educational Director, Personnel Department, Bell Telephone Laboratories, 463 West Street, New York, N. Y. 1930

LOPEZ, T. N., Electrical Engineer, Manilla, P. I. 1927
LORAH, JAMES R., Assistant Professor of Chemical Engineering, University of Missouri, Columbia, Mo. 1928
LORY, CHARLES A., President, State Agricultural College of Colorado, Fort Collins, Colo. 1908
LOTT, SAMUEL H., Associate Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1921
LOVELL, ALFRED H., Professor of Electric Power Engineering, Assistant Dean of Engineering, University of Michigan, Ann Arbor, Mich. 1920
LOVETT, I. H., Associate Professor of Electrical Engineering, University of Missouri, Rolla, Mo. 1921
LOWE, THOMAS M., Assistant Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1928
LUCARINI, GENO B., Assistant Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1929
LUCKE, CHARLES E., Professor of Mechanical Engineering, Columbia University, New York, N. Y. 1906
LUDY, L. V., Professor of Experimental Engineering, Purdue University, Lafayette, Ind. 1902
LUEBS, AUGUST A., Associate Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1921
LUND, JACOB, Supt. Heat and Power Dept., Kansas State Agricultural College, Manhattan, Kans. 1910
LUTHER, H. B., Professor of Civil Engineering, University of Cincinnati, Cincinnati, O. 1914
LYFORD, OLIVER S., Vice President, Brooklands, Inc., 77 Kraft Avenue, Bronxville, N. Y. 1924
LYMAN, RICHARD R., Civil and Consulting Engineer, 47 E. So. Temple St., Salt Lake City, Utah 1908
LYNN, ARTHUR E., Director of Guidance and Employment, Y. M. C. A. of City of New York, 166 Nelson Road, Scarsdale, N. Y. 1929
LYON, DANIEL R., Instructor in Machine Work, Pratt Institute, Brooklyn, N. Y. 1930
LYON, DORSEY A., Director, Dept. Mining and Metallurgical Research, University of Utah, Salt Lake City, Utah 1923
LYONS, WALDO H., Associate Professor of Mathematics, Kansas State Agricultural College, Manhattan, Kans. 1926
LYTLE, CHAS. W., Director of Industrial Coördination, New York University, New York City 1922
MACARTHUR, JOHN R., Professor of Languages, Dean of Freshmen, California Institute of Technology, Pasadena, Calif. 1915
MACCONOCHIE, ARTHUR F., Associate Professor of Mechanical Engineering, University of Virginia, University, Va. 1923

MacCullough, Gleason H., Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1922
MacDonald, John, Associate Professor of Civil Engineering, Union College, Schenectady, N. Y. 1925
Macdonald, S. L., Head of the Department of Mathematics, Colorado State Agricultural College, Ft. Collins, Colo. 1914
Macdougall, Charles W., Assistant Professor of Mining Engineering, Lafayette College, Easton, Pa. 1928
Mack, Albert J., Professor of Mechanical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1919
MacKavanagh, T. J., Professor of Electrical Engineering, Catholic University of America, Washington, D. C. 1916
Mackenzie, C. J., Dean of Engineering, University of Saskatchewan, Saskatoon, Sask., Canada 1915
MacLean, Edward A., Bridge Designer, Maine Highway Commission; Band Brook Farm, Augusta, Maine 1923
Maclin, Edward S., Professor of Industrial Education, West Virginia University, Morgantown, W. Va. 1922
MacNaughton, Edgar, Professor of Mechanical Engineering, Tufts College, Tufts College, Mass. 1916
MacNaughton, Jas., President, Calumet and Hecla Mines, Calumet, Mich. 1905
MacNutt, Barry, Gloucester, Mass. 1910
Macomber, G. S., President, George S. Macomber, Inc., Orchard Park, N. Y. 1904
Magnusson, C. Edward, Professor of Electrical Engineering, Director, Engineering Experiment Station, University of Washington, Seattle, Wash. (*Member of Council, 1911–4; 1922–5; Vice President, 1927–8.*) 1907
Magruder, Wm. T., Professor of Mechanical Engineering, The Ohio State University, Columbus, O. (*President, 1912–3; Vice President, 1905–6; Secretary, 1906–7; Member of Council, 1899–2; 1905–.*) 1893
Mahone, Leslie W., Assistant Professor of Engineering Extension, Iowa State College, Ames, Iowa 1929
Main, C. T., President, Chas. T. Main, Inc., 201 Devonshire St., Boston, Mass. 1911
Maleev, Vladimir L., Professor of Mechanical Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1930
Mallory, Francis, Professor of Physics, Virginia Military Institute, Lexington, Va. 1912
Manderfield, Nicholas, Associate Professor of Metallurgy and Ore-Dressing, Michigan College of Mining and Technology, Houghton, Mich. 1926

MANEY, GEORGE A., Professor of Structural Engineering, Northwestern University, Evanston, Ill. 1927
MANN, CHARLES A., Chief of Division and Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn.... 1917
MANN, C. R., Director, American Council on Education, 26 Jackson Place, Washington, D. C. (*Member of Council, 1918–21.*)... 1914
MANN, CLAIR V., Professor of Engineering Drawing, University of Missouri, Rolla, Mo. (*Member of Council, 1925–8.*) 1924
MANN, FREDERICK M., Professor and Head, School of Architecture, University of Minnesota, Minneapolis, Minn. 1925
MANN, FRED S., Director of College Relations, New England Telephone and Telegraph Co., 261 Franklin St., Boston, Mass. .. 1930
MANSFIELD, EDWARD S., Head, Educational Bureau, The Edison Electric Illuminating Company, Boston, Mass..... 1929
MAO, T. E., President, Pei-Yang University, Tientsin, China 1923
MARCELLUS, JONTA B., Consulting Engineer, Federal Land Bank, Wichita, Kansas 1924
MARCH, HERMAN W., Professor of Mathematics, University of Wisconsin, Madison, Wis. 1926
MARCHANT, GUY B., Assistant Professor of Electrical Engineering, Evansville College, Evansville, Ind. 1927
MARGOLIS, JOSEPH, Instructor in Chemistry, Fenn College, Cleveland, Ohio 1930
MARKER, J. R., Chief Engineer, Ohio Paving Brick Mfgrs. Association, 510 Hartman Bldg., Columbus, O. 1913
MARKLE, DAVID L., Associate Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926
MARKLE, E. W., Professor of Electrical Engineering, A. & M. College of Texas, College Station, Tex. 1923
MARKS, LIONEL S., Professor of Mechanical Engineering, Harvard University, Cambridge, Mass. (*Vice President, 1912–3.*).... 1909
MARQUIS, F. W., Professor of Steam Engineering, The Ohio State University, Columbus, Ohio 1910
MARR, ROBERT A., Assistant Professor of Civil Engineering, Virginia Military Institute, Lexington, Va. 1924
MARS, PAUL A. DE, Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1926
MARSDEN, RAYMOND R., Dean and Professor of Civil Engineering, Thayer School of Civil Engineering, Dartmouth College, Hanover, N. H. 1922
MARSH, MALCOLM R., Adjunct Professor of Engineering and Mathematics, Texas College of Mines and Metallurgy, El Paso, Texas 1929
MARSHALL, WM., Professor and Head, Dept. of Mathematics, Purdue University, Lafayette, Ind. 1923

MARSTON, ANSON, Dean of Engineering and Director of the Engineering Experiment Station, Iowa State College, Ames, Ia. (*President, 1914–5; Treasurer, 1906–7; Member of Council, 1914–.*) 1894

MARTENIS, JOHN V., Associate Professor of Machine Design, University of Minnesota, Minneapolis, Minn. 1908

MARTIN, W. H., Professor of Heat Engineering, Oregon Agricultural College, Corvallis, Ore. 1913

MARX, C. D., Professor Emeritus of Civil Engineering, Stanford University, Stanford University, Calif. (*Vice President, 1899–00; Member of Council, 1893–6.*) 1893

MASON, H. LEA, Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1925

MASON, HOWARD W., Professor and Head, Department of Experimental Engineering, Georgia School of Technology, Atlanta, Ga. 1927

MATHESON, ERNEST G., Associate Professor of Civil Engineering, University of British Columbia, Vancouver, B. C. 1926

MATHESON, KENNETH J., President, Drexel Institute, Philadelphia, Pa. 1929

MATHEWS, RALPH T., Instructor in Mechanical Engineering, Duke University, Durham, N. Car. 1930

MATHEWSON, CHAMPION H., Professor of Metallurgy, Yale University, New Haven, Conn. 1921

MAURER, EDWARD R., Professor of Mechanics, University of Wisconsin, Madison, Wis. (*Vice President, 1918–9; Member of Council, 1909–12.*) 1897

MAVIS, FREDERIC T., Associate Professor of Mechanics and Hydraulics, University of Iowa, Iowa City, Iowa 1929

MAXFIELD, HAROLD A., Assistant Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925

MAXSON, GEORGE R., Associate Professor of Mechanical Drawing, University of Oklahoma, Norman, Okla. 1928

MAXWELL, H. L. 1929

MAYER, ERNEST J., Professor of Industrial Education, New Mexico Normal University, Las Vegas, N. M. 1928

MAYER, JOSEPH, Professor and Head, Department of Economics and Sociology, Tufts College, Tufts College, Mass. 1927

MAYLOTT, CARLETON F., 55 Lincoln St., Jersey City, N. J. 1928

MAYROSE, HERMAN E., Professor of Drawing, University of Detroit, Detroit, Mich. 1926

MCBRIDE, WILBERT G., Professor of Mining Engineering, McGill University, Montreal, Canada 1929

McCabe, Francis T., Master, Rindge Technical School, Cambridge, Mass. 1921
McCandliss, L. C., Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1914
McCann, Wm. R., Engineer, Atmospheric Nitrogen Corporation, Hopewell, Va. 1912
McCarter, William W., Instructor in Mechanical Engineering, A. & M. College of Texas, College Station, Texas 1929
McCaughey, W. J., Professor of Mineralogy, The Ohio State University, Columbus, Ohio 1923
McCaustland, E. J., Dean, School of Engineering, and Director Engineering Experiment Station, University of Missouri, Columbia, Mo. (*Vice President, 1921–2; Member of Council, 1916–9.*) 1902
McClain, Fred H., Associate Professor of Electrical Engineering, Iowa State College, Ames, Ia. 1921
McClelland, E. H., Technology Librarian, Carnegie Library of Pittsburgh, Pittsburgh, Pa. 1912
McClintic, H. H., President, McClintic-Marshall Construction Co., 1218 Oliver Bldg., Pittsburgh, Pa. 1910
McClintock, Wm. McK., Assistant Professor of Mathematics, University of Minnesota, Minneapolis, Minn. 1922
McCormick, Robert L., Professor and Head, Civil and Architectural Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929
McCosh, Stanley A. 1929
McCullough, F. M., Professor and Head, Dept. of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1910
McCully, Harry M., Professor and Head, Dept. of Drawing, Carnegie Institute of Technology, Pittsburgh, Pa. 1926
McDaniel, J. E., Professor and Director of Coöperative Courses, Georgia School of Technology, Atlanta, Ga. (*Member of Council, 1930–33.*) 1926
McDonald, Philip B., Associate Professor of English, New York University, University Heights, New York, N. Y. 1917
McFarland, David F., Professor and Head, Department of Metallurgy, The Pennsylvania State College, State College, Pa.... 1927
McIlhenny, Isbell F., Assistant Professor of Electrical Engineering, Fenn College, Cleveland, Ohio 1930
McIntosh, W. R., Assistant Professor of Civil Engineering, University of Louisville, Louisville, Ky. 1927
McIntyre, Lewis W., Traffic Engineer, City of Pittsburgh (6630 Woodwell St.); Lecturer, University of Pittsburgh, Pittsburgh, Pa. 1919

McKee, James H., Associate Professor of English, Purdue University, Lafayette, Ind. 1924
McKee, Ralph H., Professor of Chemical Engineering, Columbia University, New York, N. Y. 1919
McKeeman, Clyde A. 1929
McKenry, Nell, Assistant Secretary, Society for the Promotion of Engineering Education, University of Pittsburgh, Pittsburgh, Pa. *Assistant Secretary, 1918–* 1923
McKergow, C. M., Professor of Mechanical Engineering, McGill University, Montreal, Canada. (*Member of Council, 1927–30.*) 1913
McKibben, Frank P., Consulting Engineer, Black Gap, Franklin Co., Pa. (*Vice President, 1919–20; 1925–6; Member of Council, 1912–18.*) 1904
McKinnon, John C., Assistant Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1927
McLaughlin, Donald H., Professor of Mining Engineering, Harvard University, Cambridge, Mass. 1928
McLaurin, Banks, Adjunct Professor of Civil Engineering, University of Texas, Austin, Texas 1927
McLouglin, Frederic O. X., Associate Professor of Civil Engineering, College of the City of New York, New York City..... 1927
McMurtray, H. D., Professor of Physics, North Texas Agricultural College, Arlington, Texas 1925
McNamara, Francis T., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1929
McNeely, John K., Research Professor of Electrical Engineering, Iowa State College, Ames, Iowa 1926
Mead, D. W., Professor of Hydraulic and Sanitary Engineering, University of Wisconsin, Madison, Wis. 1908
Means, Lester H., Industrial Service Department, General Electric Co., Schenectady, N. Y. 1928
Meeker, W. H., Professor and Head, Department of Mechanical Engineering, Iowa State College, Ames, Ia. 1903
Mees, C. L., President Emeritus, Rose Polytechnic Institute, The Walden, Terre Haute, Ind. (*Member of Council, 1895–8.*) 1894
Mehrhof, Floyd E., Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1923
Merriam, Kenneth G., Assistant Professor of Aeronautics, Worcester Polytechnic Institute, Worcester, Mass. (Life Member.) 1925
Merrick, Charles M., Instructor in Mechanical Engineering, Lafayette College, Easton, Pa. 1929
Merrill, Joseph F., Commissioner of Education, L.D.S. Church, 47 E. South Temple Street, Salt Lake City, Utah 1907

MERRITT, HAROLD W., Instructor in Physics, Cooper Union, New York City 1927
MERRYFIELD, FRED 1927
MESERVE, GEORGE H., JR., Instructor in Drawing, Northeastern University, Boston, Mass. 1929
MESERVE, WILLIAM E., Instructor in Electrical Engineering, Cornell University, Ithaca, N. Y. 1924
MESSERSMITH, CHARLES W., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1929
METZENHEIM, HENRY H., Assistant Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1926
MICKEY, CLARK E., Chairman, Civil Engineering Department, University of Nebraska, Lincoln, Nebr. 1912
MILES, EGBERT J., Associate Professor of Mathematics, Yale University, New Haven, Conn. 1922
MILLAR, A. V., Assistant Dean, College of Engineering, Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1914
MILLER, ALFRED L., Associate Professor of Civil Engineering, University of Washington, Seattle, Wash. 1927
MILLER, BENJAMIN L., Professor of Geology, Lehigh University, Bethlehem, Pa. 1925
MILLER, CURTIS A., Sales Promotional Department, D. Van Nostrand Company, 250 Fourth Avenue, New York, N. Y. 1929
MILLER, DAYTON C., Professor of Physics, Case School of Applied Science, Cleveland, O. (*Member of Council, 1914–7.*) 1907
MILLER, FORREST E., Assistant Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn..... 1926
MILLER, GEORGE B., President, Cogswell Polytechnical College, 3000 Folsom Street, San Francisco, Calif. 1930
MILLER, HUGH, Professor of Civil Engineering, Union College, Schenectady, N. Y. (*Member of Council, 1923–6.*) 1909
MILLER, H. W., Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1922
MILLER, HARRY P., Instructor in Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1926
MILLER, JAMES S., Associate Professor of Electrical Engineering, University of Virginia, University, Va. 1921
MILLER, JOHN B., Instructor in Electrical Engineering, Bucknell University, Lewisburg, Pa. 1930
MILLER, JOHN M., Instructor in Engineering, Rice Institute, Houston, Texas 1930
MILLER, WILLIAM J., Dean of Engineering and Professor of Electrical Engineering, Texas Technological College, Lubbock, Texas 1923

MILLINGTON, HOWARD G., Assistant Professor of Mathematics, University of Vermont, Burlington, Vt. 1929
MILLS, GEORGE H., Instructor in Electrical Engineering, Case School of Applied Science, Cleveland, Ohio 1926
MILLS, JOHN, Director of Publication, Bell Telephone Laboratories, Inc., 463 West St., New York City 1921
MILTON, TALIAFERRO, Manager, Chicago Branch, Electric Storage Battery Co., 140 S. Dearborn Street, Chicago, Ill. 1925
MING, FREDERICK W., Instructor in Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1918
MINSHALL, ROBERT E., Associate Professor of Structural Engineering, The Pennsylvania State College, State College, Pa... 1921
MITCHELL, ALVA, Professor and Head, Dept. of Drawing, A. and M. College of Texas, College Station, Texas 1926
MITCHELL, C. H., Dean, Faculty of Applied Science and Engineering, University of Toronto, Toronto, Ont. (*Member of Council, 1925–8.*) 1925
MITCHELL, GROVER I., 419 W. College Avenue, State College, Pa. .. 1918
MITCHELL, LOUIS, Dean and Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1913
MITCHELL, WILLIAM A., Professor of Engineering, United States Military Academy, West Point, N. Y. 1930
MOCK, CLIFTON O., Instructor in Engineering Drawing, University of Kentucky, Lexington, Ky. 1929
MOCKMORE, CHARLES A., Associate Professor of Civil Engineering, Oregon State College, Corvallis, Ore. 1927
MOFFAT, GEORGE N., Assistant Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio 1925
MONTILLON, GEORGE H., Associate Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1925
MONTONNA, RALPH E., Associate Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1925
MOODY, HOWARD W., Dean, School of Engineering, Mississippi A. and M. College, A. and M. College, Miss. 1925
MOODY, LEWIS F., Professor of Hydraulic Engineering, Princeton University, Princeton, N. J. 1912
MOORE, ARTHUR D., Associate Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich..... 1926
MOORE, EARL R., Instructor in Mechanical Engineering, Connecticut Agricultural College, Storrs, Conn. 1930
MOORE, G. ROLAND, Consulting Civil Engineer, Manasquan, N. J. 1927
MOORE, H. F., Research Professor of Engineering Materials, University of Illinois, Urbana, Ill. 1905
MOOTS, ELMER E., Chairman, Mathematics and Engineering, Cornell College, Mount Vernon, Iowa 1927

MORE, CHAS. C., Professor of Structural Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1919–22.*) 1901

MORECROFT, J. H., Professor of Electrical Engineering, Columbia University, New York, N. Y. 1908

MOREY, CHARLES W., President, Chicago Technical College, 118 E. 26th Street, Chicago, Ill. 1925

MORGAN, ARTHUR E., President, Dayton Morgan Engineering Co., Dayton; President, Antioch College, Yellow Springs, O..... 1921

MORGAN, JEROME J., Associate Professor of Chemical Engineering, Columbia University, New York City 1925

MORGAN, JESSE R., Dean of the Faculty, Professor of Languages, Colorado School of Mines, Golden, Colo. 1927

MORGAN, NEWLIN D., Associate Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1926

MORGAN, THEODORE H., Assistant Professor of Electrical Engineering, Stanford University, Stanford University, Calif. 1927

MORLEY, GEORGE A., Assistant Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1926

MORLEY, RAYMOND K., Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1922

MORRIS, CLYDE T., Professor of Civil Engineering, The Ohio State University, Columbus, O. 1907

MORRIS, HERBERT M., General Employment and Safety Supervisor, Bell Telephone Company of Canada, Toronto, Ont. 1930

MORRISON, IBRAHIM F., Professor of Applied Mechanics, University of Alberta, Edmonton, Alta, Canada 1912

MORRISON, ROGER L., Professor of Highway Engineering and Highway Transport, University of Michigan, Ann Arbor, Mich... 1925

MORSE, FREDERICK T., Assistant Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1927

MORSE, JAMES L., Engineer, Dorr Company, 1237 Marion Street, Denver, Colo. 1910

MORSE, REED F., Instructor in Civil Engineering, Kansas State Agricultural College, Manhattan, Kansas 1929

MORSS, EVERETT, President, Simplex Wire and Cable Co., 115 Commonwealth Avenue, Boston, Mass. 1910

MORTON, ROSCOE W., Professor of Mechanical Engineering, Colorado School of Mines, Golden, Colo 1929

MOSER, CHAS., Professor of Civil Engineering, Stanford University, Stanford University, Calif. 1918

MOSS, LINCOLN D., Assistant Professor of Mechanical Engineering, Columbia University, New York City 1925

MOSS, SANFORD A., Research Engineer, Thomson Laboratory, General Electric Co., West Lynn, Mass. 1911

MOTA, CANDELARIO C., Assistant Professor of Civil Engineering, University of Porto Rico, Mayaguez, P. R. 1925

MOTT, WILLIAM E., Director, College of Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. (*Member of Council, 1917–20.*) 1907

MOYER, JAMES A., Director, Division of University Extension, Massachusetts Department of Education, Boston, Mass. 1904

MOYER, RALPH A., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa 1929

MUELLER, G. V., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1926

MULLIGAN, JAMES E., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass... 1929

MUNCY, VICTOR E. 1926

MUNRO, GEORGE W., Professor of Thermodynamics, Purdue University, Lafayette, Ind. 1915

MUNRO, MELVILLE S., Assistant Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1914

MUNRO, RONALD J., Instructor in Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1928

MUNROE, H. S., Emeritus Professor of Mining, Columbia University, Litchfield, Conn. (*President, 1909–10; Member of Council, 1905–.*) 1893

MURDOUGH, J. H., Professor of Civil Engineering, Texas Technological College, Lubbock, Texas 1926

MURPHY, GLENN, Special Research Graduate Assistant in Civil Engineering, University of Illinois, Urbana, Ill. 1929

MURPHY, LINDON J., Assistant Professor of Engineering Extension Service, Iowa State College, Ames, Iowa 1930

MURRAY, DANIEL A., Emeritus, Professor of Mathematics, McGill University, 3653 University St., Montreal, Canada 1910

MURRIE, J. L., Consulting Engineer, 4 Irving Place, New York, N. Y. 1915

MYERS, HOWARD D., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1922

NAETER, ALBRECHT, Professor and Head, Department of Electrical Engineering, Oklahoma A. & M. College, Stillwater, Okla.... 1924

NAGLER, FLOYD A., Professor of Hydraulic Engineering, University of Iowa, Iowa City, Ia. 1921

NASH, C. A., Associate Professor of Electrical Engineering, Armour Institute of Technology, Chicago, Ill. 1913

NASH, PHILLIP C., Director, League of Nations Association, 6 East 39th Street, New York, N. Y. 1921

NAVAS, J. M., Escuela Central de Ingenieros Industriales, Po del Prado, 28, Madrid, Spain 1925

NEAL, JESSE H., Instructor in Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1927

NEAL, Y. A., Educational Director, Y. M. C. A. Schools, 1436 Gould Road, Toledo, Ohio 1927

NEEDY, JOHN A., Dean of Engineering, Ohio Northern University, Ada, Ohio. 1919

NEFF, FRANK H., Professor of Civil Engineering, Case School of Applied Science, Cleveland, O. 1895

NELSON, DELMAR W., Assistant Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1929

NELSON, J. R., Professor of English, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1918–21.*) 1914

NELSON, W. K., Associate Professor of Engineering Mathematics, University of Colorado, Boulder, Colo. 1923

NELSON, WENDELL M., Executive Assistant, Industrial Relations Dept., General Electric Co., Schenectady, N. Y. 1924

NESBITT, RUSSELL B., Assistant Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1925

NETTLETON, ERNEST B., Assistant Professor of Drawing and Descriptive Geometry, Carnegie Institute of Technology, Pittsburgh, Pa. 1930

NEWCOMB, JOHN L., Professor of Civil Engineering, Dean, School of Engineering, University of Virginia, University, Va. 1915

NEWELL, HOBART H., Assistant Professor of Experimental Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925

NEWKIRK, BURT L., In charge of Mechanics Section, Research Engineer, General Electric Co., Schenectady, N. Y. 1908

NEWMAN, ALBERT B., Professor of Chemical Engineering, Cooper Union, New York City 1929

NEWMAN, C. M., Professor of English, Virginia Polytechnic Institute, Blacksburg, Va. 1917

NEWMAN, DERWOOD A., Instructor in Chemistry, Northeastern University, Boston, Mass. 1926

NEWTON, GUY D., Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1913

NICHOLAS, JOHN E. 1926

NICHOLS, JOSEPH C., Dean, Engineering College, Fenn College, 2200 Prospect Avenue, Cleveland, Ohio 1929

NICHOLS, LEON G., Director, Cincinnati Y. M. C. A. Schools, Elm and Central Parkway, Cincinnati, Ohio 1925

NICHOLS, MAURICE E., Associate Dean of Engineering, Fenn College, Cleveland, Ohio 1930

NICHOLSON, HUGH P., Instructor in Mining Engineering, University of Illinois, Urbana, Ill. 1929

NIELSEN, PAUL E., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1928

NIGHTINGALE, WINTHROP E., Director of Coöperative Work, Northeastern University, Boston, Mass. 1925

NIMS, ALBERT A., Associate Professor of Electrical Engineering, College of Engineering, Newark, N. J. 1928

NINDE, GEORGE F., Instructor in Engineering Drawing, Harvard Engineering School, Cambridge, Mass. 1928

NISSAR, A. R., Deputy Head, Electrical Engineering Dept., Victoria Jubilee Technical Institute, Byculla, India 1923

NOLD, H. E., Professor of Mine Engineering, The Ohio State University, Columbus, O. 1916

NOLLAU, LOUIS E., Professor and Head, Department of Drawing, University of Kentucky, Lexington, Ky. 1928

NORMAN, CARL A., Professor of Machine Design, The Ohio State University, Columbus, O. 1918

NORMAN, ROY A., Professor of Mechanical Engineering, Iowa State College, Ames, Iowa .....

NORRIS, EARLE B., Dean of Engineering, Virginia Polytechnic Institute, Blacksburg, Va. (*Member of Council, 1924–7.*).... 1907

NORRIS, FERRIS W., Associate Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1925

NORRIS, H. H., Educational Advisor, Boston Elevated Railway, 16 Sheffield West, Winchester, Mass. (*Secretary, 1909–14; Vice President, 1914–5.*) 1900

NORTON, ARTHUR E., Associate Professor of Mechanical Engineering, Harvard University, Cambridge, Mass. 1910

NORTON, CHARLES L., Head, Department of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1908

NORTON, PAUL T. JR., Professor of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1926

NORTON, PAUL W., Assistant Professor of Architecture, Massachusetts Institute of Technology, Cambridge, Mass. 1926

NUDD, WILLARD E., Assistant Professor of Engineering Drawing, Case School of Applied Science, Cleveland, O. 1923

NYGARD, ERIC, Instructor in Civil Engineering, Union College, Schenectady, N. Y. 1927

NYSWANDER, R. E., Professor of Physics and Director, School of Electrical Engineering, University of Denver, Denver, Colo. 1912

O'BANION, ALBERT L., Electrical Design Division, Stone and Webster Engineering Corporation, 6 Oxford Ave., Belmont, Mass. 1928

O'BANNON, LESTER S., Professor of Heat Engineering, University of Kentucky, Lexington, Ky. 1929

O'BRIEN, A. V., Superintendent, Manufacturers Laboratory, State University of Iowa, Iowa City, Iowa 1923

OGBURN, S. CICERO, JR., Professor and Head, Department of Chemical Engineering, Bucknell University, Lewisburg, Pa. 1928
O'HARA, CLEOPHAS C., President and Professor of Geology, South Dakota State School of Mines, Rapid City, S. D. 1925
OHLE, ERNEST L., Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1905
OLIVER, WILLIAM A., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1928
OLMSTED, CHARLES T., Assistant Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1929
OLSEN, JOHN C., Professor of Chemical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1930
OLSEN, TINIUS, President, Tinius Olsen Testing Machine Co., 500 N. 12th St., Philadelphia, Pa. 1907
OLSON, OSCAR A., Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Ia. 1915
ORBECK, MARTIN J., Principal Assistant Engineer, Holland, Ackerman and Holland, 106 E. Liberty St., Ann Arbor, Mich. 1920
O'ROURKE, EDWARD V., Assistant Professor of Mine Engineering, The Ohio State University, Columbus, Ohio 1929
ORR, JOSEPH A., Assistant Professor of Civil Engineering, A. & M. College of Texas, College Station, Texas 1929
ORTH, H. D., Head, Dept. of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1910
OSBORNE, L. A., President, Westinghouse Electric International Co., 165 Broadway, New York, N. Y. 1911
OSGOOD, FARLEY, Consulting Engineer, 31 Nassau Street, New York City 1925
O'SHAUGHNESSY, LOUIS, Professor of Applied Mathematics, Virginia Polytechnic Institute, Blacksburg, Va. 1912
OSTRANDER, J. E., Professor of Mathematics and Civil Engineering, Massachusetts Agricultural College, Amherst, Mass..... 1894
OTHUS, JAMES C., Assistant Professor of Mechanics and Materials, Oregon State College, Corvallis, Ore. 1928
OTT, PERCY W., Associate Professor of Mechanics, The Ohio State University, Columbus, Ohio 1925
OTTER, JOHN V., Instructor in Engineering Drawing, The Ohio State University, Columbus, Ohio 1929
OWEN, RAY S., Associate Professor of Topographic Engineering, University of Wisconsin, Madison, Wis. 1925
OWENS, FREDERICK W., Professor and Head, Dept. of Mathematics, The Pennsylvania State College, State College, Pa. 1926
OWENS, HERBERT D., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1927

PAINE, ELLERY B., Professor and Head, Dept. of Electrical Engineering, University of Illinois, Urbana, Ill. 1911

PALMER, C. E., Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1928

PALMER, C. I., Professor of Mathematics, Dean of Students, Armour Institute of Technology, Chicago, Ill. 1922

PALMER, HERALD K., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1930

PALMER, IRVING A., Professor of Metallurgy, Colorado School of Mines, Golden, Colo. 1926

PALMER, JULIUS C., Assistant Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1926

PALSGROVE, GRANT K., Professor of Hydraulic Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1918

PARK, C. F., Professor of Mechanism, Director of the Mechanical Laboratories, Director of Lowell Institute School for Industrial Foremen, Massachusetts Institute of Technology, Cambridge, Mass. 1903

PARK, C. W., Professor of English, College of Engineering and Commerce, University of Cincinnati, Cincinnati, O. 1915

PARKER, ERI B., Assistant Professor of Mechanical Engineering, State College of Washington, Pullman, Wash. 1926

PARKER, GEORGE S., Associate Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1922

PARKER, J. C., Vice President in charge of Engineering, Brooklyn Edison Co., Inc., 380 Pearl St., Brooklyn, N. Y. 1916

PARKER, WALTER H., Professor of Mining, University of Minnesota, Minneapolis, Minn. 1925

PATTEN, W. E., Civil Engineer, 401 Conklin Avenue, Binghamton, N. Y. 1915

PATTERSON, L. L., Dean of Engineering, Professor of Electrical Engineering, Mississippi A. & M. College, Agricultural College, Miss. 1915

PAUL, C. E., Professor of Mechanics, Armour Institute of Technology, Chicago, Ill. 1907

PAYROW, HARRY G., Assistant Professor of Civil Engineering, Lehigh University, Bethlehem, Pa. 1930

PEARCE, C. E., Assistant Professor of Applied Mechanics and Machine Design, Kansas State Agricultural College, Manhattan, Kans. 1917

PEARSON, H. G., Professor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1923

PEARSON, R. A., President, University of Maryland, College Park, Md. 1914

PEDDLE, JOHN B., Professor of Machine Design, Rose Polytechnic Institute, Terre Haute, Ind. 1929

PEEBLES, JAMES C., Professor of Experimental Engineering, Armour Institute of Technology, Chicago, Ill. 1927

PEET, J. C., Professor of Electrical Engineering, College of Engineering, Newark, N. J. 1923

PEFFER, H. C., Head, Dept. of Chemical Engineering, Purdue University, Lafayette, Ind. 1924

PEGRAM, GEORGE B., Professor of Physics, Columbia University, New York, N. Y. (*President, 1925–6; Vice President, 1924–5; Member of Council, 1924–.*) 1918

PENCE, W. D., Consulting Engineer, Room 1947, 120 South La Salle Street, Chicago, Ill. 1895

PENDER, HAROLD, Dean, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1924–7.*) 1909

PENN, JOHN C., Dean of Engineering, Armour Institute of Technology, Chicago, Ill. 1915

PENNOCK, GEORGE A., Assistant Works Manager, Western Electric Company, Inc., Chicago, Ill. 1929

PERKINS, DONALD L., Assistant Professor and Head, Dept. of Mechanical Engineering, College of City of Detroit, 15507 Ohio Avenue, Detroit, Mich. 1930

PERRY, F. GARDINER, Director of Research, Babson Statistical Organization, 119 Brook Street, Wellesley Hills, Mass. 1924

PERRY, JOHN E., Assistant Professor of Railroad Engineering, Cornell University, Ithaca, N. Y. 1922

PERRY, LYNN, Assistant Professor of Civil Engineering, Lafayette College, Easton, Pa. 1923

PERRY, ROBERT V., Professor of Machine Design, Director, Evening Classes, Armour Institute of Technology, Chicago, Ill. 1926

PERRY, WILLIAM S., Assistant Professor of Physics, University of Florida, Gainesville, Fla. 1918

PERRYMAN, C. C., Instructor in Engineering Drawing, Texas Technological College, Lubbock, Texas 1929

PETTEE, C. H., Dean, University of New Hampshire, Durham, N. H. 1898

PETTENGILL, TRUE E., Assistant Registrar, University of Minnesota, Minneapolis, Minn. 1927

PETERSON, F. G., Instructor in Civil Engineering, Duluth Junior College, Duluth, Minn. 1929

PETTY, BENJAMIN H., Associate Professor of Highway Engineering Purdue University, Lafayette, Ind. 1925

PFEIF, G. H., Director of Industrial Relations, General Electric Co., Schenectady, N. Y. 1918

PHELON, JOSEPH O., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1902
PHELPS, GUY M., Associate Professor of Descriptive Geometry and Drawing, Rensselaer Polytechnic Institute, Troy, N. Y..... 1925
PHELPS, HOWARD E., Professor of Highway Engineering, State College of Washington, Pullman, Wash. 1924
PHILBRICK, HERBERT S., Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1913
PHILLIPS, MARK C., Associate Professor of Mechanical Engineering, Oregon State Agricultural College, Corvallis, Ore..... 1929
PICKETT, GERALD, Instructor in Applied Mechanics, Kansas State Agricultural College, Manhattan, Kansas 1929
PIERCE, CLARENCE A., Assistant Professor of Theoretical Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925
PINNEY, JAMES C., Consulting Engineer, Box 382, Fort Myers, Fla. 1919
PIPER, FRED. F., Professor of Physics, Clarkson College of Technology, Potsdam, N. Y. 1915
PITOU, EUGENE, President, The Patent Scaffolding Company, 522 Fifth Avenue, New York City 1929
PLANK, WILLIAM B., Head, Dept. of Mining Engineering, Lafayette College, Easton, Pa. 1921
PLANT, L. C., Professor and Head of the Department of Mathematics, Michigan State College, East Lansing, Mich. 1913
PLUMMER, FRED L., Assistant Professor of Civil Engineering, Case School of Applied Science, Cleveland, Ohio 1930
POLLAY, FRANK J., Professor of History and Economics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1926
POND, FRANCIS J., Professor of Chemistry, Stevens Institute of Technology, Hoboken, N. J. 1912
POND, M. A., Assistant Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1923
POOLE, FRED L., Associate Professor of Electrical Engineering, Colorado State Agricultural College, Fort Collins, Colo. 1929
POORMAN, A. P., Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1907
PORSCH, JOHN H., Instructor in Practical Mechanics, Purdue University, Lafayette, Ind. 1929
PORTER, DAVID B., Assistant Professor of Industrial Engineering, New York University, New York City 1923
PORTER, DWIGHT, Professor Emeritus, Massachusetts Institute of Technology; 149 Hawthorne, St., Malden, Mass. 1893
PORTER, FRANCIS M., Assistant Professor of Engineering Drawing, University of Illinois, Urbana, Ill. 1912

PORTER, J. F., President, Kansas City Power & Light Co., Kansas City, Mo. 1912

PORTER, R. A., Professor of Physics, Syracuse University, Syracuse, N. Y. 1908

PORTER, ROLAND G., Associate Professor of Electrical Engineering, Northeastern University, Boston, Mass. 1926

POTTER, A. A., Dean, Schools of Engineering, Director, Engineering Experiment Station, Purdue University, Lafayette, Ind. (*President, 1924–5; Vice President, 1919–20; Member of Council, 1916–19; 1924–.*) 1908

POTTER, ORRIN W., Assistant Professor of Engineering Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1925

POTTS, CLYDE, Civil and Sanitary Engineer, 30 Church St., New York City 1922

POUND, JOSEPH H., Professor of Mechanical Engineering, Rice Institute, Houston, Tex. 1916

POWELL, ALBERT P., Instructor in Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926

POWELL, RALPH W., Assistant Professor of Mechanics, The Ohio State University, Columbus, Ohio 1922

PRAGEMAN, IRVING H., Assistant Professor of Mechanical Engineering, University of Maine, Orono, Maine 1923

PRATT, CHARLES, Secretary, Board of Trustees, Pratt Institute, Brooklyn; 950 Park Avenue, New York, N. Y. 1929

PRENTICE, DONALD B., Dean and Professor of Mechanical Engineering, Lafayette College, Easton, Pa. Feb. 1, 1931, President, Rose Polytechnic Institute, Terre Haute, Ind. (*Member of Council, 1927–30.*) 1912

PRICE, HAROLD W., Professor of Electrical Engineering, University of Toronto, Toronto, Ont., Canada 1924

PRICE, JOHN R., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1926

PRIESTER, GEORGE C. Professor of Materials of Engineering, University of Minnesota, Minneapolis, Minn. 1920

PRIOR, JOHN A., Assistant Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1923

PRIOR, JOHN C., Professor of Civil Engineering, The Ohio State University, Columbus, Ohio 1926

PRITCHARD, SAMUEL R., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1914

PROVINE, LORING H., Professor of Architectural Engineering, Head of Dept. of Architecture, University of Illinois, Urbana, Ill. 1920

PUCHSTEIN, ALBERT F., Associate Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio. (Robbins & Myers Co., Springfield, Ohio.) 1928
PUERNER, RUSSELL E., Assistant Professor of Machine Design, University of Wisconsin, Madison, Wis. 1928
PUFFER, LOUIS B., Associate Professor of Civil Engineering, University of Vermont, Burlington, Vt. 1922
PULLEN, M. W., Associate in Electrical Engineering, Johns Hopkins University, Baltimore, Md. 1909
PULVER, HARRY E., Professor of Civil and Structural Engineering, University of Wisconsin, Madison, Wis. 1929
PUMPHREY, FRED H., Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1928
PUPIN, MICHAEL I., Professor of Physics, Columbia University, New York City 1927
PURDIE, K. S., Associate Professor of Mathematics, Virginia Military Institute, Lexington, Va. 1927
PURYEAR, CHARLES, Dean and Professor of Mathematics, Texas A. and M. College, College Station, Texas 1901
PUTNAM, RUSSELL C., Assistant Professor of Electrical Engineering, Case School of Applied Science, Cleveland, Ohio..... 1927
PYLE, HUGH G., Instructor in Engineering Extension, The Pennsylvania State College, State College, Pa. 1928
QUIER, KENNETH E., Instructor in Mechanical Technology, Pratt Institute, Brooklyn, N. Y. 1929
QUIGLEY, LEON V., Technical Editor, Bakelite Corp., 247 Park Avenue, New York City 1927
RABER, B. F., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1915
RADER, LLOYD F., Assistant Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1925
RAGATZ, ROLAND A., Assistant Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1927
RANDALL, JOHN A., President, Rochester Athenaeum and Mechanics Institute, Rochester, N. Y. 1911
RANDOLPH, JAMES R., Professor of Mechanical Engineering, Rhode Island State College, Kingston, R. I. 1925
RAPPEL, U. J., Professor of Electrical Engineering, University of Dayton, Dayton, O. 1919
RATHBUN, JOHN C., Professor of Civil Engineering, Antioch College, Yellow Springs, Ohio 1925
RAUB, JOSEPH W., Instructor in Mechanical Engineering, Purdue University, 1004 S. 11th St., Lafayette, Ind. 1928
RAUB, LEO G., Professor of Physics, New River State School, Montgomery, W. Va. 1926

RAYL, F. V., Instructor in Physics, Washington High School, Sioux Falls, S. D. 1929

RAYMOND, ALLAN T., Instructor in Engineering Drawing, University of Missouri, Columbia, Mo. 1927

RAYMOND, F. N., Professor of English, University of Kansas, Lawrence, Kans. 1910

RAYMOND, HOWARD M., President, Armour Institute of Technology, Chicago, Ill. 1903

RAYMOND, WILLIAM R., Professor of English, Iowa State College, Ames, Ia. 1922

RAYNER, WM. H., Assistant Professor of Surveying, University of Illinois, Urbana, Ill. 1913

REBER, LOUIS E., % National City Bank, 51, Blvd. and Haussman, Paris, France. (*Member of Council, 1901–7.*) 1893

REED, JOHN C., Instructor in Mechanical Engineering, University of Illinois, Urbana, Ill. 1929

REED, K. W., Consulting Engineer, 1839 Wymore Road, East Cleveland, Ohio 1915

REED, PERCY L., Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1914

REEN, CALVIN G., Assistant Professor of Civil Engineering, Gettysburg College, Gettysburg, Pa. 1924

REES, ROBERT I., Assistant Vice President, American T. & T. Company, 195 Broadway, New York City. (*President, 1928–29; Member of Council, 1925–8; 1929–.*) 1924

REEVES, EDWARD H., Associate, Division of Municipal and Industrial Research, Massachusetts Institute of Technology, Cambridge, Mass. 1928

REMICK, B. L., Professor of Mathematics, Kansas State Agricultural College, Manhattan, Kans. 1915

RETTGER, ERNEST W., Professor of Applied Mechanics, Cornell University, Ithaca, N. Y. 1927

REULING, WALTER E., Assistant Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1929

REW, IRWIN, Trusteee of Northwestern University, 217 Dempster St., Evanston, Ill. 1913

REXION, ALEX., Instructor in Industrial Placement, Fenn College, Cleveland, Ohio 1930

REYNOLDS, JAMES A., Assistant Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1922

REYNOLDS, JOSEPH B., Professor of Mathematics and Theoretical Mechanics, Lehigh University, Bethlehem, Pa. 1920

RHOADS, ROBERT L., Dean of Engineering, University of Wyoming, Laramie, Wyo. 1925

RHODES, LELAND S., Associate Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1925

RHODES, SAM R., Professor and Head, Division of Electrical Engineering, Clemson Agricultural College, Clemson College, S. C. 1927

RHODES, WALTER K., Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1925

RICE, HARRIS, Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1919

RICE, H. A., Professor and Head, Dept. of Civil Engineering, University of Kansas, Lawrence, Kans. 1915

RICHARDS, CHARLES RUSS, President, Lehigh University, Bethlehem, Pa. (*Vice President, 1914–5; Member of Council, 1910–3.*) 1895

RICHARDSON, DONALD E., Assistant Professor of Electrical Measurements, Armour Institute of Technology, Chicago, Ill. 1929

RICHARDSON, M. R., Associate Professor of Mathematics, Georgia School of Technology, Atlanta, Ga. 1910

RICHEY, JOHN J., Professor of Civil Engineering, A. & M. College of Texas, College Station, Tex. (*Member of Council, 1926–9.*) 1910

RICHMOND, ALLEN P., Assistant to Secretary, A. S. C. E., 29 West 39th St., New York City 1927

RICHMOND, RUSSELL F., 3905 Holdrege Street, Lincoln, Nebr. 1926

RICKER, CLAIRE W., Professor of Electrical Engineering, Tulane University, New Orleans, La. 1921

RICHTER, A. W., President, Price Mfg. Co., Yakima, Wash. 1894

RICKLEY, OSCAR D., Professor of Industrial Engineering, Ohio State University, Columbus, Ohio 1929

RIDD, STANLEY J., Assistant to General Manager, American Creosoting Company, Louisville, Ky. 1928

RIETZ, HENRY LEWIS, Professor and Head of Department of Mathematics, The State University of Iowa, Iowa City, La. .. 1919

RIGGS, H. E., Honorary Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1913

RIGGS, NORMAN C., Professor of Applied Mechanics, Carnegie Institute of Technology, Pittsburgh, Pa. (*Member of Council, 1929–32.*) 1907

RISING, JUSTUS, Associate Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1926

RISLEY, W. J., Professor and Head, Dept. of Mathematics, Colorado School of Mines, Golden, Colo. (*Member of Council, 1918–21.*) 1910

RITTENHOUSE, L. H., Professor in charge of Engineering, Haverford College, Haverford, Pa. 1906

RITTMAN, WALTER F., Professor and Head, Dept. of Commercial Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1924

ROARK, RAYMOND J., Associate Professor of Mechanics, University of Wisconsin, Madison, Wis. 1919

ROBB, ROBERT E., Director of Student Personnel and Coördination, General Motors Institute, Flint, Mich. 1927

ROBB, WM. L., Head Department of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

ROBBINS, ARTHUR G., Professor of Topographical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1894

ROBERT, JAMES M., Professor of Machine Design, Tulane University, New Orleans, La. 1922

ROBERT, JULES H., Professor of Applied Mechanics, Kansas State Agricultural College, Manhattan, Kans. 1926

ROBERTS, CHARLES P., Assistant Professor of Mechanical Engineering, The Ohio State University, Columbus, Ohio 1926

ROBERTS, EMERSON B., Educational Dept., Westinghouse E. & M. Co., East Pittsburgh, Pa. 1919

ROBERTS, JEAN M., Assistant Professor of Electrical Engineering, University of Louisville, Louisville, Ky. 1930

ROBERTS, MILNOR, Dean of the College of Mines, and Professor of Mining Engineering, University of Washington, Seattle, Wash. 1910

ROBERTSON, BURTON J., Associate Professor of Internal Combustion Engines, University of Minnesota, Minneapolis, Minn. 1922

ROBINSON, GORDON D., Associate Professor of Electrical Engineering and Physics, U. S. Naval Academy, Annapolis, Md. 1929

ROBINSON, LEWIS T., Engineer in Charge of Engineering Laboratory, General Electric Co., Schenectady, N. Y. 1925

ROBINSON, MAX B., Director of Training and Technical Employment, Cincinnati Milling Machine Company, Cincinnati, Ohio 1915

ROCKWELL, EDWARD H., Simon Cameron Long Professor of Civil Engineering and Director of Department, Lafayette College, Easton, Pa. (*Member of Council, 1919–22.*) 1907

RODHOUSE, T. J., Professor of Hydraulic Engineering, University of Missouri, Columbia, Mo. 1904

RODMAN, WALTER S., Professor of Electrical Engineering, University of Virginia, University, Va. (*Vice President, 1926–7; Member of Council, 1919–22.*) 1915

ROE, HARRY B., Professor of Agricultural Engineering, in charge of Reclamation Activities, University of Minnesota, University Farm, St. Paul, Minn. 1925

ROE, JOSEPH W., Professor of Industrial Engineering, New York University, New York City 1908

ROEHRIG, GEORGE F., Assistant Professor of Civil Engineering, Lafayette College, Easton, Pa. 1926

ROEMMELE, HERBERT F., Instructor in Mechanical Engineering, Cooper Union, New York City 1927

ROESCH, DANIEL, Professor of Automotive Engineering, Armour Institute of Technology, Chicago, Ill. 1922

ROGERS, ALLEN, Supervisor, Industrial Chemical Engineering, Pratt Institute, Brooklyn, N. Y. 1926

ROGERS, CHARLES E., Professor of Civil Engineering, Trinity College, Hartford, Conn. 1917

ROGERS, H. S., Dean, School of Engineering, Director, Engineering Experiment Station, Oregon State Agricultural College, Corvallis, Ore. (*Member of Council, 1928–31.*) 1922

ROLLINS, EDWIN B., Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1912

ROOD, JAS. T., Dean of Engineering, New Mexico College of A. and M. Arts, State College, N. M. 1927

ROOT, RALPH E., Professor of Mathematics and Mechanics, Postgraduate School, U. S. Naval Academy, Annapolis, Md. 1914

RORTY, M. C., Vice-President, American Founders Corp., 50 Pine St., New York, N. Y. 1912

ROSE, FRANKLIN O., Instructor in Engineering and Mathematics, Modesto Junior College, Modesto, Calif. 1928

ROSEBRUGH, T. R., Professor of Electrical Engineering, University of Toronto, Toronto, Ontario, Canada 1896

ROSING, ANTON S., Publicity Manager, Armco Culvert Mfgrs. Assoc., 1315 S. Main St., Middletown, Ohio 1911

ROSS, JOHN A., Junior Dean of Administration, Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1926

ROSSELL, HENRY E., Head, Dept. of Mathematics, U. S. Naval Academy, Annapolis, Md. 1929

ROSSMASSLER, CARL, Professor of Machine Design and Mechanical Drawing, Cooper Union, New York City 1925

ROTERS, HERBERT C., Assistant Professor of Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1928

ROWE, JOSEPH E., President, Clarkson College of Technology, Potsdam, N. Y. 1928

ROWELL, L. D., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1910

ROWLEY, F. B., Professor of Mechanical Engineering; Director, Experimental Engineering Laboratories, University of Minnesota, Minneapolis, Minn. 1910

ROYS, CARL S., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1925

ROYS, FRANCIS W., Professor and Head, Dept. of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. .. 1925

RUBENKOENIG, HARRY, Professor of Railway Mechanical Engineering, Purdue University, Lafayette, Ind. 1920

RUBEY, HARRY, Chairman, Civil Engineering Dept., University of Missouri, Columbia, Mo. 1917

RUGG, W. S., Vice President in charge of Engineering, Westinghouse E. and M. Co., East Pittsburgh. Pa. 1926

RUMSEY, PAUL T., Instructor in Electrical Engineering, University of Missouri, Columbia, Mo. 1926

RUNNING, THEODORE R., Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 1918

RUSH, HARRY S., Professor of Electrical Engineering, North Dakota Agricultural College, Fargo, N. D. 1919

RUSS, JOHN M., Associate Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio 1924

RUSSELL, CHESTER, Instructor in Electrical Engineering, University of New Mexico, Albuquerque, N. M. 1930

RUSSELL, FRANK A., Professor of Railway Engineering, University of Kansas, Lawrence, Kans. 1922

RUSSELL, WALTER B., Director, Franklin Union, Boston, Mass. (*Member of Council, 1907–10.*) 1903

RYAN, HARRIS J., Professor of Electrical Engineering, Stanford University, Stanford University, Calif. 1901

RYAN, WILLIAM T., Professor of Electric Power Engineering, University of Minnesota, Minneapolis, Minn. 1911

RYON, LEWIS B., JR., Professor of Civil Engineering, Rice Institute, Houston, Texas 1925

SACKETT, R. L., Dean, School of Engineering, Director, Engineering Experiment Station and of Engineering Extension, Pennsylvania State College, State College, Pa. (*Member of Council 1897–00; 1927–; President, 1927–8.*) 1923

SADLER, HERBERT C., Dean, College of Engineering and Architecture, University of Michigan, Ann Arbor, Mich. 1907

SADLER, WALTER C., Associate Professor of Railroad Engineering, University of Michigan, Ann Arbor, Mich. 1925

SAHAG, LEON M., Associate Professor of Machine Design, Alabama Polytechnic Institute, Auburn, Ala. 1927

SALATHE, ALBERT, Associate Professor of Chemical Engineering, Syracuse University, Syracuse, N. Y. 1929

SALMA, EMANUEL A., Instructor in Mechanical Engineering, Cooper Union, New York, N. Y. 1930

SALZER, GEORGE W., Professor of Descriptive Geometry and Technical Drawing, Colorado School of Mines, Golden, Colo. 1929

SANDERS, WILLIAM B., Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1922
SANTO, J. H., Dean, Ely Junior College, Ely, Minn. 1926
SARASON, SAMUEL D., Professor of Civil Engineering, L. C. Smith College of Applied Science, Syracuse University, N. Y. 1918
SAUERS, JOHN A., Assistant Professor of Mechanical Engineering Design, Purdue University, Lafayette, Ind. 1921
SAUNDERS, EDWARD W., JR., Assistant Professor of Civil Engineering, University of Virginia, University, Va. 1923
SAVANT, D. P., Professor of Electrical Engineering, Georgia School of Technology, Atlanta, Ga. 1917
SAVILLE, THORNDIKE, Professor of Hydraulic and Sanitary Engineering, University of North Carolina, Chapel Hill, N. C. 1915
SAXTON, REN G., Professor and Head, Dept. of Civil Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1925
SAYRE, MORTIMER F., Associate Professor of Applied Mechanics, Union College, Schenectady, N. Y. 1917
SCAMMAN, WILLIAM F., Assistant Professor of English, University of Maine, Orono, Me. 1927
SCHAD, BERNARD T., Professor of Civil Engineering, University of Dayton, Dayton, O. 1923
SCHEALER, SAMUEL R., Professor and Head, Department of Electrical Engineering, Duke University, Durham, N. C. 1911
SCHERBERG, MAX G., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1928
SCHERGER, GEORGE L., Professor of History and Political Science, Armour Institute of Technology, Chicago, Ill. 1927
SCHERMERHORN, JAMES R. 1929
SCHLAGENHAUF, MILTON J., Professor of Economics, Northeastern University, Boston, Mass. 1925
SCHMIDT, EDWARD C., Professor and Head, Department of Railway Engineering, University of Illinois, Urbana, Ill. 1907
SCHMIDT, HARRY P., Instructor in Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. .....
SCHNEIDER, HERMAN, President, University of Cincinnati, Cincinnati, O. (*Member of Council, 1908–11.*) 1903
SCHOLER, CHARLES H., Professor of Applied Mechanics, Kansas State Agricultural College, Manhattan, Kans. 1925
SCHOMMER, JOHN T., Assistant Professor of Industrial Chemistry, Armour Institute of Technology, Chicago, Ill. 1928
SCHONE, FRANK P., Associate Professor of Descriptive Geometry and Drawing, State University of Iowa, Iowa City, Iowa 1924
SCHRADER, HERMAN J., Associate in Railway Engineering, University of Illinois, Urbana, Ill. 1925

SCHROEDER, WILLIAM, Instructor in Mechanical Engineering, University of Idaho, Moscow, Idaho 1929
SCHUBERT, WALTER O., 418 No. Gay Street, Auburn, Ala. 1925
SCHUCK, ROBERT F., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. .. 1925
SCHUERMAN, WILLIAM H., Dean of the School of Engineering and Professor of Applied Mechanics and Structural Engineering, Vanderbilt University, Nashville, Ten. (*Member of Council, 1896–9.*) 1895
SCHUMANN, CHARLES H., JR., Assistant Professor of Drawing, Columbia University, New York City 1925
SCHWANTES, ARTHUR J., Assistant Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1926
SCHWARZE, C. T., Associate Professor of Civil Engineering, New York University, University Heights, New York, N. Y. 1912
SCHWARTZ, FRANK L., Instructor in Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1930
SCHWEIZER, PAUL E., Assistant Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1926
SCIPIO, L. A., Dean and Professor of Mechanical Engineering, Robert College, Constantinople, Turkey 1910
SCOATES, D., Professor and Head, Dept. of Agricultural Engineering, A. and M. College of Texas, College Station, Tex. 1923
SCOFIELD, HERBERT H., Professor of Materials, Cornell University, Ithaca, N. Y. 1922
SCOTT, CHARLES F., Professor of Electrical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. (*President, 1921–2; 1922–3; Member of Council, 1907–10; 1917–20; 1921–; Chairman, Board of Investigation and Coordination, 1922–.*) **Third Recipient Lamme Medal (1930.)** 1904
SCOTT, LUTHER C., Associate Professor of Industrial Engineering and Geology, Toledo University, Toledo, O. 1919
SCRIMSHAW, STEWART, Professor of Industrial Relations, Marquette University, Milwaukee, Wis. 1925
SEABURY, GEORGE T., Secretary, American Society of Civil Engineers, 29 West 39th Street, New York City 1926
SEARLES, CHARLES L., Chief, Educational Division, Western Electric Company, Kearny, N. J. 1930
SEATON, R. A., Dean, Division of Engineering, Director, Engineering Experiment Station, Kansas State Agricultural College, Manhattan, Kans. (*Vice-President, 1930–31; Member of Council, 1926–9; 1930–31.*) 1912
SEAVER, HENRY L., Professor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1908

SEAVEY, FRANK E., Professor of English, Tufts College, Tufts College, Mass. (*Member of Council, 1923–6.*) 1919
SECHRIST, GILBERT H., Associate Professor of Electrical Engineering, in charge of Department, University of Wyoming, Laramie, Wyo. 1927
SEELEY, WALTER J., Professor of Electrical Engineering, Duke University, Durham, N. C. 1927
SEELY, F. B., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1913
SELLERS, GABE A., Professor of Metallurgy, Kansas State Agricultural College, Manhattan, Kans. 1926
SELLMAN, H. D., Instructor in Mechanical Engineering, Junior College, Sacramento, Calif. 1928
SELVIDGE, ROBERT W., Chairman, Department Mechanical Engineering, University of Missouri, Columbus, Mo. 1922
SERVISS, FREDERICK L., Associate Professor of Engineering Geology, Purdue University, Lafayette, Ind. 1929
SETCHELL, HORACE E., Designer, Stevens and Woods, 120 Broadway, New York City 1922
SETCHELL, JOHN E., Instructor in Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1927
SETTE, FRANCIS J., Associate Professor of Sanitary Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1925
SEVERINGHAUS, WILLARD L., Associate Professor of Physics, Columbia University, New York City 1927
SEWARD, H. L., Robert Higgin Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven Conn. 1910
SEXTON, F. H., President, Nova Scotia Technical College, Halifax, Nova Scotia 1908
SEYFERT, SEYFERT S., Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1908
SHAAD, GEORGE C., Dean, School of Engineering and Architecture, University of Kansas, Lawrence, Kans. (*Member of Council, 1922–5.*) 1907
SHAFFER, HAROLD A., Assistant Professor of Electrical Engineering and Drawing, Bucknell University, Lewisburg, Pa. 1927
SHANE, ADOLPH, Professor and Head, Trades and Industries Dept., Iowa State College, Ames, Ia. 1907
SHANK, JACOB RALPH, Professor of Civil Engineering, The Ohio State University, Columbus, O. 1919
SHATTUCK, HAROLD B., Professor of Railroad Engineering, Pennsylvania State College, State College, Pa. 1906
SHAW, EDWIN A., Head, Department of Education, Tufts College, Tufts College, Mass. 1921

SHAW, H. B., Director, Engineering Experiment Station, North Carolina State College, Raleigh, N. C. 1907

SHAW, ROBERT P., Secretary, National Research Council Science Advisory Committee, Chicago World's Fair, 40 West 40th Street, New York, N. Y. 1930

SHEDD, THOMAS C., Associate Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1925

SHEIRY, EDWARD S., Robert College, Constantinople, Turkey (401 High St., Chevy Chase P. O., Washington, D. C.) 1928

SHENK, D. H., Associate Professor of Mechanical Engineering, Clemson Agricultural College, Clemson College, S. C. 1928

SHEPARD, GEORGE H., Professor of Industrial Engineering and Management, Purdue University, Lafayette, Ind. 1925

SHEPARDSON, JOHN E., Assistant Professor of Electrical Engineering, The Ohio State University, Columbus, O. 1917

SHEPPARD, H. S., Dept. of Development & Research, American Telephone & Telegraph Co., 195 Broadway, New York, N. Y. 1914

SHERLOCK, ROBERT H., Associate Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1925

SHERMAN, CHRISTOPHER E., Professor of Civil Engineering, The Ohio State University, Columbus, Ohio 1907

SHERMAN, GEORGE W., JR., Associate Professor of Physics, Purdue University, Lafayette, Ind. 1929

SHIPMAN, FRANK M., Assistant Professor of Chemical Engineering, University of Louisville, Louisville, Ky. 1930

SHOOP, C. F., Professor of Steam Engineering, University of Minnesota, Minneapolis, Minn. 1906

SHOREY, LAWRENCE F., Instructor in Electrical Engineering, University of Vermont, Burlington, Vt. 1926

SHORT, R. L., Principal, Ashland School, 3921 N. Newstead St., St. Louis, Mo. 1902

SHOUDY, W. A., Associate Professor of Mechanical Engineering, Columbia University, New York City 1925

SHREVE, R. NORRIS, Associate Professor of Chemical Engineering, Purdue University, Lafayette, Ind. 1930

SIBLEY, F. H., Dean, College of Engineering, University of Nevada, Reno, Nev. 1910

SILER, RODERICK W., Assistant Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1926

SILVEY, O. W., Professor of Physics, A. & M. College of Texas, College Station, Tex. 1917

SIMESTER, JOHN H., Assistant Professor of Mathematics, University of Louisville, Louisville, Ky. 1930

SINGER, FERDINAND L., Instructor in Mechanical Engineering, New York University, New York, N. Y. 1930

SINK, R. S., Specialist in Industrial Work, University of Wyoming, Laramie, Wyo. 1926
SJOGREN, C. A., Assistant Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1925
SKELTON, R. H., Assistant Professor of Structural Engineering, University of Maryland, College Park, Md. 1914
SKENE, FREDERICK, Dean, Professor of Civil and Mechanical Engineering, College of the City of New York, New York City... 1927
SKILES, W. V., Dean, Georgia School of Technology, Atlanta, Ga. 1919
SKINKLE, JAY W., Personnel Assistant, Western Electric Company, Inc., 195 Broadway, New York City 1929
SLACK, EDGAR P., Assistant Professor of Physics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1927
SLACK, FRANCIS G., Associate Professor of Physics, Vanderbilt University, Nashville, Tenn. 1925
SLANTZ, FRED W., Professor of Graphics, Lafayette College, Easton, Pa. 1930
SLAYMAKER, P. K., Professor of Machine Design, University of Nebraska, Lincoln, Nebr. 1910
SLICHTER, W. I., Professor of Electrical Engineering, Columbia University, New York, N. Y. 1911
SLINGESLAND, SAMUEL, Instructor and Mechanician, Stevens Institute of Technology, Hoboken, N. J. 1925
SLOAN, ROYAL D., Vice Dean of Engineering, Professor of Electrical Engineering, State College of Washington, Pullman, Wash. 1926
SLOANE, ALVIN, Instructor in Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1927
SLOANE, R. C., Professor of Civil Engineering, The Ohio State University, Columbus, O. 1923
SLOBIN, HERMAN L., Professor and Head of Department of Mathematics, University of New Hampshire, Durham, N. H..... 1923
SLUSS, A. H., Professor, Department of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1915
SMITH, A. W., Professor of Physics, The Ohio State University, Columbus, O. 1923
SMITH, EARL B., Research Professor of Mechanical Engineering, Iowa State College, Ames, Iowa 1926
SMITH, ELLIOTT D., Professor of Industrial Engineering, Yale University, New Haven, Conn. 1928
SMITH, G. WALLACE, Associate Professor of Engineering, University of North Carolina, Chapel Hill, N. C. 1930
SMITH, HAROLD B., Professor and Head, Department of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. (*Member of Council, 1907–10.*) 1898

SMITH, J. HAMMOND, Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1910

SMITH, PAUL C., Instructor in Electrical Engineering, Municipal University of Akron, Akron, Ohio 1925

SMITH, RALPH A., Instructor in Mechanical Engineering, Tufts College, Tufts College, Mass. 1922

SMITH, THEODORE T., Professor of Experimental Physics, University of Nebraska, Lincoln, Nebr. 1925

SMITH, WILLIAM G., Professor of Engineering Drawing, Northwestern University, Evanston, Ill. 1925

SMITH, W. L., Professor and Head, Department of Electrical Engineering, Northeastern University, Boston, Mass. 1927

SMITH, W. SHERMAN, Assistant Professor of Civil Engineering, University of City of Toledo, Ohio 1930

SMUTZ, FLOYD A., Associate Professor of Machine Design, Kansas State Agricultural College, Manhattan, Kansas 1929

SMYTHE, R. ERIC, Director, Technical Service Council, 38 Duplex Avenue, Toronto, 12, Ont. 1928

SNAVELY, T. R., Professor of Economics, University of Virginia, University, Va. 1926

SNOW, CHAS. H., Emeritus Dean, College of Engineering and Professor of Civil Engineering, New York University, New York, N. Y. 1895

SNOW, FRANKLIN C., Professor of Civil Engineering, Georgia School of Technology, Atlanta, Ga. 1929

SNOW, JOHN E., Professor of Electric Power Production, Armour Institute of Technology, Chicago, Ill. 1921

SNYDER, M. K., Head, Dept. of Civil Engineering, Professor of Sanitary Engineering, Washington State College, Pullman, Wash. 1927

SOBEY, ALBERT, Director, General Motors Institute of Technology, Flint, Mich. 1923

SOLBERG, HARRY L., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1924

SORENSEN, R. W., Professor of Electrical Engineering, California Institute of Technology, Pasadena, Calif. 1912

SPAHR, ROBERT H., Director, Curriculum and Instruction Development, General Motors Institute of Technology, Flint, Mich... 1928

SPARROW, T. A., Instructor in Mechanical Engineering, University of Maine, Orono, Maine 1927

SPEAR, JOSEPH, Professor of Mathematics, Northeastern University, Boston, Mass. 1926

SPENCER, F. A., Professor of Electrical Engineering in charge of Dept., Norwich University, Northfield, Vt. 1920

SPENCER, ROBERT L., Dean of Engineering, University of Delaware, Newark, Del. 1928

SPENCER, W. R., Professor of Civil Engineering, University of Arkansas, Fayetteville, Ark. 1926

SPIETH, BENJAMIN, Associate Professor of Applied Mechanics, Kansas State Agricultural College, Manhattan, Kansas 1927

SPINNEY, L. B., Professor and Head, Dept. of Physics, Iowa State College, Ames, Ia. 1899

SPOFFORD, C. M., Hayward Professor of Civil Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1901

SPOONER, H. J., Late Director and Professor of Mechanical and Civil Engineering, Polytechnic School of Engineering, 5 St. Georges Terrace, Regents Park, London, England 1912

SPRAGUE, EMBERT H., Professor of Civil Engineering, University of Maine, Orono, Me. 1918

SPRINGER, CLIFFORD H., Associate in General Engineering Drawing, University of Illinois, Urbana, Ill. 1927

SPRINGER, F. W., Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1896

SPRINGER, GEORGE P., Assistant Professor of Civil Engineering, Purdue University, Lafayette, Ind. 1930

SQUIRE, EDWARD J., Professor of Structural Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1929

ST. PETER, W. N., Professor of Physics, University of Pittsburgh, Pittsburgh, Pa. 1928

STALEY, ALLEN C., Director of Sales and Engineering, Climax Engineering Co., 111 W. Monroe Street, Chicago, Ill. 1915

STANSFIELD, ALFRED, Professor of Metallurgy, McGill University-Montreal, Canada. 1921

STANTON, CHAS. B., Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1915

STAPLEY, EDWARD R., Associate Professor of Civil Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1926

STARBUCK, ARWARD, Associate Professor of English, Iowa State College, Ames, Ia. 1919

STARR, CHARLES J., Assistant Supt., Machine Laboratory, University of Illinois, Urbana, Ill. 1921

STAVELY, EARL B., Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1920

STEARNS, FREDERICK A., Assistant Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1926

STEEL, ERNEST W., Professor of Municipal and Sanitary Engineering A. and M. College of Texas, College Station, Tex..... 1926

STEELE, J. N., Instructor in Foundry Work, Dickinson High School, Jersey City, N. J. 1912

STEELE, RUSSELL R., Head of English Department, Fenn College, Cleveland, Ohio 1930
STEINER, FATHER, University of Notre Dame, Notre Dame, Ind... 1929
STEINMAN, D. B., Consulting Engineer, 117 Liberty St., New York, N. Y. 1910
STELZNER, WILLIAM B., Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1914
STEMPEL, W. M., Assistant Professor of Physics, Stevens Institute of Technology, Hoboken, N. J. 1928
STEPHENSON, S. A., JR., Associate Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1910
STETSON, GEORGE A., Editor, American Society of Mechanical Engineers, 29 West 39th Street, New York City 1926
STEVENS, A. C., Head, Educational Sales Section, General Electric Co., Schenectady, N. Y. 1912
STEVENS, WILLIAM J., Instructor in Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1929
STEWARD, ROBERT K., Professor and Head, Dept. of Drawing and Design, Michigan Agricultural College, East Lansing, Mich. 1910
STEWART, EARL A. 1924
STEWART, EARL H., Assistant Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1925
STEWART, FREDERICK C., Associate Professor of Mechanical Engineering, Pennsylvania State College, State College, Pa. 1928
STEWART, G. W., Professor of Physics, State University of Iowa, Iowa City, Ia. 1910
STEWART, L. B., Professor of Surveying and Geodesy, Faculty of Applied Science and Engineering, Toronto University, Toronto, Ontario, Canada. 1897
STEWART, LOWELL O., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa 1927
STEWART, OSCAR M., Professor of Physics, University of Missouri, Columbia, Mo. 1909
STEWART, V. T., Professor of Chemical Engineering, College of Engineering, Newark, N. J. 1923
STILLWELL, L. B., Consulting Engineer, 11 W. 42nd St., New York, N. Y. 1912
STINSON, KARL W., Associate Professor of Automotive Engineering, The Ohio State University, Columbus, Ohio 1924
STOCK, ORION L., Associate Professor of Architectural Engineering and Drawing, Rose Polytechnic Institute, Terre Haute, Ind. 1929
STOCKER, GEORGE P., Professor and Head, Dept. of Civil Engineering, University of Arkansas, Fayetteville, Ark. 1921
STOCKING, ERNEST J., 52 Marion Avenue, Clarendon, Va. 1927

STOCKWELL, FRANK C., Anson Wood Burchard Professor of Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1914

STOLWORTHY, EDWARD H., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. .. 1923

STONE, CHAS. W., Manager, Central Station Dept., General Electric Co., Schenectady, N. Y. 1911

STONE, E. A., Consulting Engineer, 177 Victoria Road, Walkerville, Ont. 1907

STONE, O. M., Assistant Professor of Drawing and Descriptive Geometry, Case School of Applied Science, Cleveland, Ohio.. 1928

STOUGHTON, BRADLEY, Director, Department of Metallurgical Engineering, Lehigh University, Bethlehem, Pa. 1923

STOUT, MELVILLE B., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929

STRAHAN, SAMUEL A. S., Professor of Chemical Engineering, Northeastern University, Boston, Mass. 1926

STRAUB, LORENZ G., Associate Professor of Hydraulics, University of Minnesota, Minneapolis, Minn. 1930

STREET, WILLIAM E., Instructor in Engineering Drawing, Texas Technological College, Lubbock, Texas 1929

STREUBEL, ERNEST J., Dean, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1925

STRONG, ALBERT J., Professor of Drawing and Mechanic Arts, University of Florida, Gainesville, Fla. 1913

STUART, M. C., Professor of Experimental Engineering, Lehigh University, Bethlehem, Pa. 1921

SULLIVAN, GEO. L., Dean, College of Engineering, University of Santa Clara, Santa Clara, Calif. 1912

SUMMERS, R. E., Assistant Professor of Mechanical Engineering, Oregon Agricultural College, Corvallis, Ore. 1927

SUMMEY, GEORGE, JR., Professor and Head, Dept. of English, A. & M. College of Texas, College Station, Tex. 1919

SUTHERLAND, C. HALE, Professor of Structural Engineering, Lehigh University, Bethlehem, Pa. 1914

SUTTIE, ROSCOE H., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1912

SVENSEN, CARL L., Professor and Head, Department of Engineering Drawing, Texas Technological College, Lubbock, Texas. 1900

SWAIM, VERNE F., Professor of Physics, Bradley Polytechnic Institute, Peoria, Ill. 1919

SWAIN, G. F., Gordon McKay Professor of Civil Engineering, Emeritus, Harvard University, Cambridge, Mass. (*President, 1894–5; Vice President, 1893–4; Member of Council since 1893.*) **First Recipient Lamme Medal (1928).** 1893

SWAIN, R. V., Educational Director, Buffalo, N. Y. 1928
SWANBECK, SWEN E., Assistant Professor of Foreign Languages, Case School of Applied Science, Cleveland, Ohio 1925
SWARTZEL, KARL D., Professor and Head, Department of Mathematics, University of Pittsburgh, Pittsburgh, Pa. 1922
SWEETSER, E. O., Professor of Structural Engineering, Washington University, St. Louis, Mo. 1910
SWEETSER, W. J., Professor of Mechanical Engineering, University of Maine, Orono, Me. 1910
SWEIGERT, RAY L., Assistant Professor of Mechanical Engineering, Georgia School of Technology, Atlanta, Ga. 1929
SWENSON, GEORGE W., Professor and Head, Department of Electrical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1928
SWINTON, ROY S., Assistant Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1929
SYPHERD, W. O., Professor of English, University of Delaware, Newark, Del. 1914
TAFT, THEODORE H., Associate Professor of Heat Engineering, Massachusetts Institute of Technology, Cambridge, Mass..... 1926
TAIT, RALPH S., Associate Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1921
TALBOT, ARTHUR N., Professor of Municipal and Sanitary Engineering, Emeritus, University of Illinois, Urbana, Ill. (*President, 1910–11; Vice President, 1909–10; Treasurer, 1902–04; Member of Council, 1902–.*) 1893
TALLMAN, FRANK H., Instructor in Electrical Engineering, Cooper Union, New York, N. Y. 1930
TANG, KWAN, Y., Instructor in Electrical Engineering, The Ohio State University, Columbus, Ohio 1928
TAPPAN, FRANK G., Director, School of Electrical Engineering, University of Oklahoma, Norman, Okla. 1921
TAYLOR, ALBERT L., 258 University Street, Salt Lake City, Utah. 1924
TAYLOR, E., Associate Professor of Engineering Mechanics, Pomona College, Claremont, Calif. 1927
TAYLOR, FLOYD D., Canton, Pa. 1926
TAYLOR, HERBERT F., Assistant Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass 1922
TAYLOR, T. U., Professor of Civil Engineering and Dean of Engineering Department, University of Texas, Austin, Texas. *Vice President, 1920–21; Member of Council, 1917–20.*) 1902
TAYLOR, W. C., Associate Professor of Civil Engineering, Union University, Schenectady, N. Y. 1913

TAYLOR, WM. E., Professor of Applied Mathematics and Head of Dept., College of Applied Science, Syracuse University, Syracuse, N. Y. 1913

TEETER, T. A. H., Professor of Engineering, General Extension Division, University of Minnesota, Minneapolis, Minn. 1925

TEICHMANN, F. K., Instructor in Aeronautical Engineering, New York University, New York, N. Y. 1930

TERRELL, DANIEL V., Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1917

TERWILLIGER, C. V. O., Professor and Head, Dept. of Electrical Engineering, Post Graduate School, U. S. Naval Academy, Annapolis, Md. 1924

THALER, J. A., Professor of Electrical Engineering, Montana State College, Boseman, Mont. (*Member of Council, 1906–09.*).... 1901

THATCHER, CHARLES G., Associate Professor of Mechanical Engineering, Chairman, Division of Engineering, Swarthmore College, Swarthmore, Pa. 1929

THOMAN, WILLIAM H., Instructor in Civil Engineering, University of Colorado, Boulder, Colo. 1929

THOMAS, ALBERT L., Professor of Engineering Drawing, Alabama Polytechnic Institute, Auburn, Ala. 1928

THOMAS, CHARLES F., Professor of Mathematics, Case School of Applied Science, Cleveland, O. 1909

THOMAS, EARL C., Associate Professor of Civil Engineering, Stanford University, Stanford University, Calif. 1924

THOMAS, EVAN, Professor of Mechanics and Mathematics, Emeritus, University of Vermont, Burlington, Vt. 1908

THOMAS, FRANKLIN, Professor of Civil Engineering, California Institute of Technology, Pasadena, Calif. 1914

THOMAS, FREDERICK H., Superintendent, Machine Laboratory, University of Illinois, Urbana, Ill. 1926

THOMAS, GEO. B., Personnel Director, Bell Telephone Laboratories, Inc., 463 West St., New York, N. Y. 1911

THOMAS, HAROLD A., Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1913

THOMAS, R. G., Professor Emeritus of Mathematics and Engineering, The Citadel, The Military College of S. C., 19 Charles Street, Charleston, S. C. (*Member of Council, 1898–01.*) ... 1894

THOMAS, R. P., 740 N. Fourtola Ave., Springfield, Ohio 1914

THOMPSON, GORDON, Assistant Chief Engineer, Electrical Testing Laboratories, New York City; Box 219, New Dorp, Staten Island, N. Y. 1924

THOMPSON, G. S., Consulting Civil Engineer, Box 102, Lans Station, Troy, N. Y. 1907
THOMPSON, JAMES E., Instructor in Mathematics, Pratt Institute, Brooklyn, N. Y. 1926
THOMPSON, JAMES S., Vice President, McGraw-Hill Book Co., 370 7th Ave., New York, N. Y. 1911
THOMPSON, KARL O., Professor of English, Case School of Applied Science, Cleveland, O. 1919
THOMSON, FRANCIS A., President, Montana School of Mines, Butte, Mont. 1927
THOMSON, R. D., Chief of Staff, L. V. Estes, Inc., 3020 Broadway, Chicago, Ill. 1922
THOMSON, WILLIAM H., 134 Dickie Avenue, Westerleigh, S. I., N. Y. 1928
THORNBURG, M. L., Professor of Mechanical Engineering, University of Arizona, Tucson, Ariz. 1925
THORNTON, WILLIAM M., Professor of Applied Mathematics, University of Virginia, University, Va. (*Vice President, 1916–7.*) 1916
THOROGOOD, BRACKETT K., Educational Counsel, Franklin Union, 41 Berkeley Street, Boston, Mass. 1923
THOROUGHGOOD, R. W., Professor of Civil Engineering, University of Delaware, Newark, Del. 1913
THUESEN, H. G., Associate Professor of Industrial Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1926
THURSTON, EDWARD D., JR., Professor of Mechanical Engineering, Columbia University, New York City 1926
TILDEN, CHARLES J., Strathcona Professor of Engineering Mechanics, Yale University, New Haven, Conn. (*Member of Council, 1917–20.*) 1913
TILGHMAN, HARRISON, Councillor-at-Law, 15 Broad Street, New York City 1919
TIMBIE, WILLIAM H., Professor of Electrical Engineering and Industrial Practice, Massachusetts Institute of Technology, Cambridge, Mass. (*Member of Council, 1929–32.*) 1908
TIMBY, ELMER K., Instructor in Civil Engineering, Princeton University, Princeton, N. J. 1929
TIMOSHENKO, STEPHEN, Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1927
TINGLEY, FREEMAN T., Associate in Electrical Engineering, University of Illinois, Urbana, Ill. 1927
TOBIAS, ARTHUR L., Instructor in Engineering Drawing, Pennsylvania State College, State College, Pa. 1929
TODD, M. E., Assistant Professor of Electric Power Engineering, University of Minnesota, Minneapolis, Minn. 1913

TODD, MARION W., Assistant Professor of Topographic Engineering, Purdue University, Lafayette, Ind. 1926

TOLAR, M. B., Professor of Mathematics, Fenn College, Cleveland, Ohio 1930

TOMPKINS, FREDERICK N., Associate Professor of Electrical Engineering, Brown University, Providence, R. I. 1922

TOWLE, NORMAN L., Assistant Professor in charge of Electrical Laboratories, Cooper Union, New York City 1925

TOWLE, W. M., Emeritus Professor of Industrial Engineering, Clarkson College of Technology, Enosburg Falls, Vt. (*Member of Council, 1902–5.*) 1895

TOWNSEND, CLARENCE E., Professor of Engineering Drawing, Cornell University, Ithaca, N. Y. 1930

TOZER, ELIOT F., Associate Professor of Drawing, Northeastern University, Boston, Mass. 1927

TRACY, GORDON F., Assistant Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1928

TRACY, JOHN C., Professor of Civil Engineering, Yale University, New Haven, Conn. (*Member of Council, 1912–5; 1920–3.*) .. 1907

TRACY, STEPHEN J., Instructor in Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1930

TRIEST, RUDOLPH M., Manager, Educational Department, John Wiley and Sons, Inc., 440 Fourth Avenue, New York City ... 1924

TRINKLE, ROBERT J., Associate Professor of Electrical Engineering, Virginia Military Institute, Lexington, Va. 1924

TRINKS, W., Professor and Head of Department of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. .. 1917

TROSPER, RALPH S., Assistant Professor of Mechanical Engineering, University of Louisville, Louisville, Ky. 1930

TROTTER, RICHARD A., Assistant Professor of Experimental Engineering, Georgia School of Technology, Atlanta, Ga. 1929

TROWBRIDGE, DOUGLAS S., Professor of Surveying, New York University, University Heights, New York City 1924

TRUEBLOOD, RALPH B., Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1922

TRYON, JAMES L., Director of Admissions Massachusetts Institute of Technology, Cambridge, Mass. 1927

TUCKER, CARLTON E., Associate Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1922

TUCKER, LEROY, Research Graduate Assistant in Theoretical and applied Mechanics, University of Illinois, Urbana, Ill. 1927

TUDBURY, CHESTER W., Head, Department of Mathematics, Wentworth Institute, Boston, Mass. 1921

TURLEY, O. J., Consulting Geological Engineer, Hotel Knickerbocker, Los Angeles, Calif. 1912

TURNBULL, JOHN M., Professor of Mining, Acting Dean, University of British Columbia, Vancouver, B. C. 1926

TURNBULL, W. D., Junior Dean, College of Engineering, The Ohio State University, Columbus, O. 1917

TURNEAURE, F. E., Dean of the College of Engineering, University of Wisconsin, Madison, Wis. (*President, 1908–9; Member of Council since 1903; Member, Board of Investigation and Coordination, 1925–.*) 1894

TURNER, C. A. P., Engineer, 300 Builders Exchange, Minneapolis, Minn. 1913

TURNER, D. L., Daniel L. Turner Co., Contractors, New York, N. Y. 1898

TURNER, HERBERT M., Associate Professor of Electrical Engineering, Yale University, New Haven, Conn. 1929

TURNER, W. P., Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1900

TUTHILL, JOHN K., Assistant Professor of Railway Electrical Engineering, University of Illinois, Urbana, Ill. 1922

TUVE, GEORGE L., Associate Professor of Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio 1925

TYKOCINER, JOSEPH T., Research Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1929

TYLER, H. W., General Secretary, American Association of University Professors; Consultant in Science, Library of Congress, Washington, D. C. (*Vice President, 1897–8; 1926–7; Member of Council 1910–16.*) 1894

TYLER, RICHARD G., Dean, College of Engineering, Professor of Sanitary Engineering, University of Washington, Seattle, Wash. 1929

TYRRELL, HENRY G., Consulting Civil Engineer, Altamont Avenue, Catonsville, Md. 1925

UHRIG, L. VERNON, Instructor in Civil Engineering, The Rice Institute, Houston, Texas 1930

ULLMANN, H. M., Professor and Head, Dept. of Chemistry and Chemical Engineering, Lehigh University, Bethlehem, Pa. .. 1926

UNDERHILL, JAMES, Associate Professor of Mining, Colorado School of Mines, Golden, Colo. 1921

UNDERWOOD, P. H., Professor of Topographic and Geodetic Engineering, Cornell University, Ithaca, N. Y. 1922

UPP, CLARENCE R., Assistant Professor of Mechanical Engineering, University of Akron, Akron, Ohio 1928

UPSON, WALTER L., Professor of Electrical Engineering, Washington University, St. Louis, Mo. 1910

VALLANCE, ALEX, Associate Professor of Mechanical Engineering, University of Texas, Austin, Texas 1927

VAN BUSKIRK, H. C., Professor of Mathematics and Registrar, California Institute of Technology, Pasadena, Calif. 1911

VANCE, BRUCE B., Instructor in Mathematics, University of Louisville, Louisville, Ky. 1927

VAN DEN BROCK, J. A., Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1924

VAN DEN MEERSCHE, ANDRÉ J., Instructor in Electrical Engineering, University of Ghent, Ghent, Belgium, 22 St. Pieters Aalststraat (10 Hillhouse Ave., New Haven, Conn.) 1930

VAN DYKE, JAMES R., Instructor in Mechanical Engineering, North Dakota Agricultural College, Fargo, N. D. 1929

VAN GAASBEEK, RICHARD M., Head, Department of Woodworking, Pratt Institute, Brooklyn, N. Y. 1926

VAN HAGAN, L. F., Professor of Railway Engineering, University of Wisconsin, Madison, Wis. 1912

VAN LEER, BLAKE R., Assistant Secretary, American Engineering Council, 26 Jackson Place, Professor Lecturer in Hydraulics, George Washington University, Washington, D. C. 1923

VAN ORNUM, J. L., Professor of Civil Engineering, Washington University, St. Louis, Mo. (*Member of Council, 1902–5.*) ... 1895

VAUGHAN, JOSEPH L., DuPont Research Fellow in English, University of Virginia, University, Va. 1930

VAUGHAN, L. L., Professor of Mechanical Engineering, North Carolina State College of Agriculture and Engineering, State College Station, Raleigh, N. C. 1912

VAWTER, JAMISON, Assistant Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1926

VEAL, C. B., Assistant General Manager, Society of Automotive Engineers, 29 West 39 Street, New York City 1910

VEAZEY, WILLIAM R., Professor of Chemical Engineering, Case School of Applied Science, Cleveland, O. 1922

VEDDER, JOHN N., Associate Professor of Thermodynamics, Union College, Schenectady, N. Y. 1910

VON ENDE, CARL L., Professor and Head, Department of Chemistry, University of Idaho, Moscow, Idaho 1929

VOSE, F. H., Professor of Mechanical Engineering, Case School of Applied Science, Cleveland, O. 1907

VOTEY, J. W., Professor of Civil Engineering and Dean of the College of Engineering, University of Vermont, Burlington, Vt. (*Member of Council, 1926–9.*) 1902

WADDELL, J. A. L., Consulting Engineer, 150 Broadway, New York, N. Y. (*Member of Council, 1911–4.*) 1893

WADE, FRANK H., Assistant Professor of Mechanics, Lewis Institute, Chicago, Ill. 1927
WADSWORTH, F. L. O., Consulting and Advisory Engineer, Pittsburgh, Pa. 1911
WADSWORTH, J. E., Division Engineer, American Bridge Co., 22 Morsemere Place, Yonkers, N. Y. 1895
WAGNER, H. A., Consulting Mining and Metallurgical Engineer, 8 South Michigan Avenue, Chicago, Ill. 1926
WAGNER, SAMUEL T., Consulting Engineer, The Philadelphia and Reading Railway Co., Reading Terminal, Philadelphia, Pa. .. 1911
WAIT, JOHN C., Counsellor-at-law, Woolworth Bldg., 11 Park Place, New York, N. Y. 1907
WALD, ARTHUR, Assistant Professor of Industrial Placement, Fenn College, Cleveland, Ohio 1930
WALES, ROYAL L., Professor of Mechanical Engineering and Dean of Engineering, Rhode Island State College, Kingston, R. I. .. 1914
WALKER, AMASA, Manager of Educational Dept., Longmans, Green & Co., 55 Fifth Ave., New York, N. Y. 1914
WALKER, CHAS. L., Professor of Sanitary Engineering, College of Engineering, Cornell University, Ithaca, N. Y. 1910
WALKER, ELTON D., Professor of Hydraulic and Sanitary Engineering, Head, Department Civil Engineering, the Pennsylvania State College, State College, Pa. 1895
WALKER, E. S., Instructor in Descriptive Geometry and Mechanical Drawing, University of Florida, Gainesville, Fla. 1910
WALKER, HARRY B., Professor of Agricultural Engineering, University of California, University Farm, Davis, Calif. 1921
WALKER, LEONARD D., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1928
WALLACE, LAWRENCE W., Executive Secretary, American Engineering Council, 744 Jackson Place, Washington, D. C. 1924
WALLIS, CLIFFORD M., Instructor in Electrical Engineering, University of Missouri, Columbia, Mo. 1930
WALSH, FRANK W., Assistant Professor and Head, Department of Mechanical Drawing, State Teachers College, Oshkosh, Wis. .. 1928
WALTER, OTTO W., Research Engineer, Hall Electric and Heating Company, 121 Sutton Road, Ardmore, Pa. 1926
WALTERS, JACK E., Director of Personnel, Schools of Engineering, Purdue University, Lafayette, Ind. 1926
WALTHER, JOHN T., Professor of Electrical Engineering, University of Akron, Akron, Ohio 1924
WALTHERS, HARRY V., Instructor in Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1928
WARD, GERALD C., Instructor in Railway Engineering, University of Wisconsin, Madison, Wis. 1929

WARD, SAMUEL, Professor and Head, Dept. of Civil Engineering, Fenn College, 2648 Canterbury Road, Cleveland Heights, O. 1917

WARNER, FRANK M., Associate Professor of Engineering Drawing, University of Washington, Seattle, Wash. 1927

WARNER, HARRY O., Professor of Electrical Engineering, University of Detroit, Detroit, Mich. 1926

WARNER, ROBERT K., Assistant Professor of Mining Engineering, Yale University, New Haven, Conn. 1924

WARNER, ROBERT W., Associate Professor of Electrical Engineering, University of Kansas, Lawrence, Kansas 1930

WARNER, RUSSELL G., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1924

WARREN, CHARLES H., Dean, Sheffield Scientific School, Yale University, New Haven, Conn. (*Member of Council, 1928–31.*).. 1923

WARREN, GEORGE E., Assistant General Manager, Portland Cement Association, 33 West Grand Avenue, Chicago, Ill. 1927

WARREN, SEYMOUR P., Associate Professor of Metallurgy, Colorado School of Mines, Golden, Colo. 1925

WASHINGTON, LAWRENCE, Instructor in Mechanical Engineering, Stanford University, Stanford University, Calif. 1928

WATERMAN, EARLE L., Professor of Sanitary Engineering, University of Iowa, Iowa City, Iowa 1923

WATERMAN, I. F., Instructor in Civil Engineering, Oregon Agricultural College, Corvallis, Ore. 1916

WATERS, EVERETT O., Associate Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. 1914

WATSON, ARTHUR E., Associate Professor of Electrical Engineering, Brown University, Providence, R. I. 1924

WATSON, CARL G., Professor of Physics, South Dakota School of Mines, Rapid City, S. D. 1925

WATSON, HARRY D., Associate Professor of Mechanical Engineering, University of Maine, Orono, Me. 1926

WATSON, JAMES W., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1910

WATTS, A. S., Professor of Ceramic Engineering, The Ohio State University, Columbus, O. 1923

WATTS, C. W., Professor of Mathematics, The Virginia Military Institute, Lexington, Va. 1911

WATTS, EARLE F., Instructor in Drawing, Massachusetts Institute of Technology, Cambridge, Mass. 1923

WATTS, OLIVER P., Associate Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1925

WATWOOD, VERNON B., Assistant Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1929

WEAVER, FREDERIC N., Assistant Professor of Structural Engineering, Tufts College, Tufts College, Mass. 1924
WEAVER, JAMES H., Professor of Mathematics, The Ohio State University, Columbus, Ohio 1923
WEAVER, LEON H. A., Publicity Manager, The Superheater Co., 60 E. 42d Street, N. Y. C. 1914
WEAVER, R. R., Educational Director, Western Electric Company, 195 Broadway, New York, N. Y. 1929
WEBER, JOHN, Dean of Administration, University of Pittsburgh, Pittsburgh, Pa. 1914
WEED, JOHN M., Assistant to Director, Engineering Experiment Station, The Ohio State University, Columbus, Ohio 1923
WEGNER, WALTER W., Assistant Professor of Civil Engineering, Stanford University, Stanford University, Calif. 1927
WEIDA, FRANK M., Assistant Professor of Mathematics, George Washington University, Washington, D. C. 1921
WEIGEL, PAUL, Professor of Architecture, Kansas State Agricultural College, Manhattan, Kans. 1923
WEIL, JOSEPH, Professor and Head, Dept. of Electrical Engineering, University of Florida, Gainesville, Fla. 1923
WEILAND, W. F., Associate Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1921
WEINBACH, M. P., Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1915
WEINBERG, EDWARD F., Professor of Mathematics, Rollins College, Winter Park, Fla. 1930
WEISIGER, KENDALL, Assistant to President, Southern Bell Telephone & Telegraph Company, 206 East 17th Street, Atlanta, Ga. 1927
WEISS, CAMILLO, Designer and Estimator, Bethlehem Steel Co., 744 8th Ave., Bethlehem, Pa. 1917
WEISS, HERBERT A., Assistant Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1930
WELCH, FREDERIC W., Assistant Professor of Civil Engineering, State College of Washington, Pullman, Wash. 1921
WELLS, ARTHUR E., Vice President, American Cyanimid Co., 535 Fifth Ave., New York City 1928
WELLS, EDGAR H., President; Professor of Geology and Mineralogy, New Mexico School of Mines, Socorro, N. M. 1923
WELLS, EVERETT D., Assistant Professor of Mathematics, University of Pittsburgh, Erie, Pa. 1926
WELLS, MELVILLE B., Professor of Civil Engineering, in charge of Aeronautical Engineering, Armour Institute of Technology, Chicago, Ill. 1925

WENDLING, ANDRÉ V., Professor of Physics, Ecole Polytechnique, Montreal, Canada 1930
WENDT, KURT F., Instructor in Mechanics, University of Wisconsin, Madison, Wis. 1927
WENDT, ROBERT E., Instructor in Foundry, Purdue University, Lafayette, Ind. 1922
WENDT, WYLIE B., Professor of Civil Engineering, Speed Scientific School, University of Louisville, Louisville, Ky. 1908
WENK, MORRIS, 707 Addison Avenue, Palo Alto, Calif. 1921
WEST, FRANK LESLIE, Professor of Engineering, Mount Allison University, Sackville N. B., Canada 1923
WEST, G. ALVIN, Machine Designer, Standard-Trump Brothers Machine Company, Wilmington, Del.; Port Deposit, Md. 1923
WEST, RAY B., Professor of Civil Engineering, Dean, School of Engineering, Utah Agricultural College, Logan, Utah 1924
WESTON, EDW., President, The Weston Electrical Instrument Co., Waverly Park, Newark, N. J. 1911
WEYL, CHARLES, Assistant Professor of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1926
WHARTON, JAMES R., Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1919
WHEATLEY, EDWARD A., Registrar-Secretary-Treasurer, Association of Professional Engineers, 930 Birks' Building, Vancouver, B. C. 1927
WHEELER, NATHANIEL E., Professor of Physics, Colby College, Waterville, Me. 1921
WHEELER, WILLIAM H., Assistant Professor of Civil Engineering, Washington University, St. Louis, Mo. 1924
WHENMAN, JOHN H., Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1930
WHIPPLE, CLYDE C., Assistant Professor of Electrical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1924
WHITE, ALFRED H., Professor of Chemical Engineering, University of Michigan, Ann Arbor, Mich. 1920
WHITE, BENNETT S., Assistant Professor of Machine Design and Drawing, West Virginia University, Morgantown, W. Va. 1926
WHITE, C. L., Professor of Engineering, College of the Pacific, Stockton, Calif. 1923
WHITE, HALL B., Assistant Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1925
WHITE, JAMES M., Supervising Architect, Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1900
WHITE, JOHN, Acting President and Head, Dept. of Chemical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929

WHITE, LEON V., Associate Professor of Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1923

WHITE, ROY A., Head, Engineering Dept., The Grand Rapids Junior College, Grand Rapids, Mich. 1925

WHITE, WILLIAM C., Secretary, Day Division, Northeastern University, Boston, Mass. 1926

WHITE, WM. E., Instructor in Civil Engineering Rice Institute, Houston, Texas 1927

WHITED, E. WILLIS, Director, Co-Operative Work, University of Pittsburgh, Pittsburgh, Pa. 1923

WHITEHEAD, J. B., Dean, Faculty of Engineering and Professor of Electrical Engineering, The Johns Hopkins University, Baltimore, Md. (*Member of Council, 1915–8.*) 1913

WHITEHEAD, L. W., Associate Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1918

WHITTEMORE, JEANNE S., Professor of English, University of Porto Rico, Mayaguez, P. R. 1923

WICKENDEN, WM. E., President, Case School of Applied Science, Cleveland, Ohio. (*Director of Investigations, 1923–29; Member of Council, 1924–7.*) 1912

WIEPKING, C. A., Testing Engineer, 608 52d Street, City of Milwaukee, Wis. 1925

WILBUR, WALTER E., Assistant Professor of Mathematics, University of New Hampshire, Durham, N. H. 1928

WILCOX, ELGIN R., Associate Professor of General Engineering, University of Washington, Seattle, Wash. 1925

WILCOX, GUY M., Professor of Physics, Armour Institute of Technology, Chicago, Ill. 1926

WILDES, KARL L., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. .. 1926

WILEY, RALPH B., Professor of Sanitary Engineering, Purdue University, Lafayette, Ind. 1920

WILEY, W. O., Publisher of Scientific Books, President, John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. (*Treasurer, 1907–.*) 1904

WILLARD, ARTHUR C., Professor of Heating and Ventilation, Head, Department, Mechanical Engineering, University of Illinois, Urbana, Ill. 1922

WILLARD, FREDERIC W., Assistant Works Manager, Western Electric Company, Inc., Kearny, N. J. 1929

WILLEY, EARL C., Instructor in Engineering Drawing, Oregon State Agricultural College, Corvallis, Ore. 1929

WILLIAMS, CLEMENT C., Dean, College of Engineering, The State University of Iowa, Iowa City, Iowa. (*Member of Council, 1920–3; Vice President, 1928–9.*) 1909

WILLIAMS, OWEN E., Professor of Engineering Drawing, The Ohio State University, Columbus, O. 1910

WILLIAMS, S. N., Professor Emeritus of Civil and Sanitary Engineering, Cornell College, 1229 N. Austin Avenue, Chicago, Ill. 1893

WILLIAMS, W. S., Professor of Topographical Engineering, University of Missouri, Columbia, Mo. 1913

WILLIS, BEN S., Assistant Professor of Electrical Engineering, Iowa State College, Ames, Iowa 1929

WILLIS, CLODIUS H., Associate Professor of Electrical Engineering, Princeton University, Princeton, N. J. 1926

WILLIS, PHILIP A., Associate Professor of Mechanical Engineering, Missouri School of Mines, Rolla, Mo. (2115 Pennsylvania Avenue, N.W., Washington, D. C.) 1929

WILLISTON, ARTHUR L., 986 High Street, Dedham, Mass. (*Vice President, 1909–10; Secretary, 1907–9; Member of Council, 1900–3; 1905–8.*) 1897

WILLMARTH, ELMER H., Associate Professor of Engineering Problems, Iowa State College, Ames, Iowa 1922

WILLSON, F. G., Head, Department of Applied Electricity, Wentworth Institute, Boston, Mass. 1912

WILMORE, JOHN J., Dean, School of Engineering, and Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. (*Member of Council, 1928–31*) 1894

WILSON, A. M., Professor of Electrical Engineering, University of Cincinnati, Cincinnati, O. 1907

WILSON, BENJAMIN J., Development Engineer, Leeds and Northrup Co., Philadelphia, Pa. 1925

WILSON, DAVID M., Assistant Professor of Civil Engineering, University of Southern California, Los Angeles, Calif. 1929

WILSON, EARL R., Instructor in Engineering Drawing, University of Akron, Akron, Ohio 1930

WILSON, FREDERICK C., Dean of Engineering, Professor of Civil Engineering, Clarkson College of Technology, Potsdam, N. Y. 1930

WILSON, GEORGE S., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1912

WILSON, GROVER C., Assistant Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1929

WILSON, LEROY A., Associate Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1923

WILSON, ROBERT N., Professor of Chemistry, Duke University, Durham, N. C. 1927

WILSON, R. S. L., Dean, Faculty of Applied Science, Professor of Civil and Municipal Engineering, University of Alberta, Edmonton, Canada 1929

WILSON, WILBUR M., Research Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1914

WINFREY, ROBLEY, Bulletin Editor, Iowa State College, Ames, Iowa 1928

WING, FRANCIS H., Deputy Superintendent of Schools in charge of Vocational Education, Buffalo, N. Y. 1919

WINGREN, ROY M., Instructor in Mechanical Engineering, Texas A. and M. College, College Station, Texas 1928

WINKLER, EDWIN W., Instructor in Electrical Engineering, University of North Carolina, Chapel Hill, N. C. 1930

WINSLOW, A. E., Head of Civil Engineering Dept., Norwich University, Northfield, Vt. 1914

WINSLOW, A. M., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1925

WINSTON, STANTON E., Associate Professor of Kinematics, Armour Institute of Technology, Chicago, Ill. 1928

WISCHMEYER, CARL, Professor of Mechanical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929

WISE, JOSEPH A., Assistant Professor of Structural Engineering, University of Minnesota, Minneapolis, Minn. 1927

WITHAM, R. L., Head, Electrical Engineering Dept., Sperry Gyroscope Co., Manhattan Bridge Plaza, Brooklyn, N. Y. 1914

WITHEY, M. O., Professor of Mechanics, University of Wisconsin, Madison, Wis. 1910

WITHROW, JAMES R., Professor and Head, Dept. of Chemical Engineering, Ohio State University, Columbus, O. 1907

WITMER, FRANCIS P., Director of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1926

WOHLENBERG, W. J., Sterling Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. 1917

WOLFARD, N. ELLSWORTH, Associate Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1921

WOLFE, W. S., Chief Structural Engineer, Smith, Hinchman and Gryll, 800 Marquette Bldg., Detroit, Mich. 1916

WOOD, ARTHUR J., Professor and Head, Department of Mechanical engineering, Pennsylvania State College, State College, Pa. (*Member of Council, 1899–02; 1911–4.*) 1898

WOOD, E. H., Professor of Mechanics of Enginereing, Cornell University, Ithaca, N. Y. 1910

WOOD, FREDERICK M., Assistant Professor of Civil Engineering, McGill University, Montreal, Canada 1930

WOOD, K. D., Assistant Professor of Mechanics, Cornell University, Ithaca, N. Y. 1923

WOODS, BALDWIN M., Professor of Mechanical Engineering and Chairman of Dept., University of California, Berkeley, Calif. 1930

WOODSON, ASHBY, Professor of Engineering, Southwestern Louisiana Institute, Lafayette, La. 1925

WOODWARD, SHERMAN M., Professor of Mechanics and Hydraulics, State University of Iowa, Iowa City, Ia. (*Member of Council, 1913–6; 1926–0.*) 1910

WOOLEY, JOHN C., Professor of Agricultural Engineering, University of Missouri, Columbia, Mo. 1928

WOOSTER, L. F., Professor of Applied Electricity, Oregon Agricultural College, Corvallis, Ore. 1912

WOOTEN, LOUIS E., Assistant Professor of Civil Engineering, North Carolina State College, Raleigh, N. C. 1924

WORK, LINCOLN T., Assistant Professor of Chemical Engineering, Columbia University, New York City 1923

WORK, WILLIAM R., Professor and Head, Department of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1921

WRIGHT, DONALD H., Instructor in Electrical Design, Pratt Institute, Brooklyn, N. Y. 1929

WRIGHT, EDWIN H., Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1921

WRIGHT, HARRY M., Instructor in Practical Mechanics, Junior College, Lyons Township High School, 22 N. Meredian, La-Grange, Ill. 1929

WRIGHT, M. BIRNEY, Instructor in Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio 1929

WROTH, BENJAMIN B., Professor of Chemistry, Georgia School of Technology, Atlanta, Ga. 1924

WU, NG CHEE, Professor of Railroad Engineering, Tangshan University, Tangshan, North China 1923

WUNDERLEE, JAMES L., Instructor in Practical Mechanics, Purdue University, Lafayette, Ind. 1922

YATES, J. A., Head, Dept. of Chemical and Physical Sciences, Kansas State Teachers College, Pittsburg, Kans. 1924

YATES, VOLLIE R., Associate Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1924

YOUNG, C. M., Professor of Mining Engineering, University of Kansas, Lawrence, Kans. 1907

YOUNG, C. R., Professor of Civil Engineering, University of Toronto, Toronto, Ont. 1914

YOUNG, EVERETT G., Research Professor of Railway Mechanical Engineering, University of Illinois, Urbana, Ill. 1922

YOUNG, GILBERT A., Head, School of Mechanical Engineering, Director, M. E. Laboratories, Purdue University, Lafayette, Ind. 1907

YOUNG, L. H., Assistant Professor of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1928
YOUNGER, JOHN, Professor of Industrial Engineering, The Ohio State University, Columbus, Ohio 1925
ZAROBSKY, IVAN F., Associate Professor of Mechanical Engineering, University of the City of Toledo, Toledo, Ohio 1928
DE ZAFRA, CARLOS, Director of Engineering Index Service, Assistant Professor of Mechanical Engineering, New York University, 172 Brewster Road, Scarsdale, N. Y. 1924
ZELLER, JOSEPH W., Head, Department of Mechanical Engineering, Northeastern University, Boston, Mass. 1926
ZELNER, OTTO S., Associate Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1930
ZIMMER, ALBERT R., Associate Professor of Electrical Engineering, University of Toronto, Toronto, Ont., Canada 1923
ZIMMERS, P. J., Associate Professor of Education, Case School of Applied Science, Cleveland, Ohio 1927
ZUCROW, MAURICE J., 1422 Farwell Avenue, Chicago, Ill 1928
Total Individual Members 2192

Recipients of Lamme Medal.

1928—GEORGE FILLMORE SWAIN, Professor of Civil Engineering, Harvard University.

1929—IRVING PORTER CHURCH, Emeritus Professor of Applied Mechanics and Hydraulics, Cornell University.

1930—CHARLES FELTON SCOTT, Professor of Electrical Engineering, Yale University.

Addresses Unknown.

BAVLY, DAVID M.
BEALE, FRANK S.
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HAMILTON, J. B.
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MCKEEMAN, C. A.
MAXWELL, H. L.
MERRYFIELD, FRED
MUNCY, V. C.
NICHOLAS, JOHN E.
SCHERMERHORN, JAS. R.
STEWART, EARL A.

ADDITIONS, DECEMBER 1, 1930.

BALL, THEODORE R., Associate Professor of Chemistry, Washington University, St. Louis, Mo. 1930

BARNARD, NILAS H., Professor of Mechanical Drawing, Tennessee Polytechnic Institute, Cookeville, Tenn. 1930

BROWN, ARTHUD S., Instructor in Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1930

CHERRY, FLOYD H., Associate Professor of Electrical Engineering, University of California, Berkeley, Calif. 1930

CLOKE, PHILIP R., Evaluation Engineer, Day and Zimmerman, 3227 Spring Garden Street, Philadelphia, Pa. 1930

COSANDEY, CHARLES J., Instructor in Electrical Engineering and Mathematics, Duluth Junior College, Duluth, Minn. 1930

CUMMINGS, HAROLD N., Professor of Civil Engineering, Newark College of Engineering, Newark, N. J. 1930

DOUGLAS, EARL C., Instructor in Engineering, Joliet Junior College, Joliet, Ill. 1930

FINCH, JOHN W., Dean, School of Mines, University of Idaho, Moscow, Ida. 1930

FISHER, HILBERT A., Associate Professor of Mathematics, North Carolina State College, Raleigh, N. C. 1930

FORRESTER, GLENN C., Personnel Division, E. I. du Pont de Nemours Company, Wilmington, Del. 1930

GARDNER, ROBERT A., Instructor in Civil Engineering, Bucknell University, Lewisburg, Pa. 1930

GILTNER, CARL W., Laboratory Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1930

GODEKE, HARRY F., Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas 1930

GRANT, ROBERT J., Assistant Professor of General Metal and Auto Mechanics, State Teachers College, Oshkosh, Wis. 1930

GRUMMANN, HERBERT R., Instructor in Mathematics, Washington University, St. Louis, Mo. 1930

HOUGEN, OLAF A., Associate Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1930

HOY, ELVIN A., Instructor in Mathematics and Engineering Drawing, University of Hawaii, Honolulu, T. H. 1930

JAMISON, WALTER W., Head, Mass. School of Art; Instructor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1930

LARKINS, JAMES T., Assistant Professor of Engineering, Director of Architecture, Pennsylvania State College, State College, Pa. 1930

McGIVERN, JAMES G., Instructor in Drawing, Northeastern University, Boston, Mass. 1930

MILLER, WILLIAM T., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1930

MURAT, SALIH, Professor of Physics, Robert College, and Turkish Engineering School, Istambul, Turkey 1930

PAUSTIAN, RAYMOND G., Instructor in Civil Engineering, Iowa State College, Ames, Iowa 1930

ROLOFF, WALTER E., Professor of Economics, Colorado School of Mines, Golden, Colo. 1930

SABBAGH, ELIAS M., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1930

STILL, ALFRED, Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1930

TEBO, FRANK A., Instructor in Engineering Drawing, Pennsylvania State College, State College, Pa. 1930

THAYER, HORACE R., Assistant Professor of Engineering Drawing, Pennsylvania State College, State College, Pa. 1930

TUBINI, BERNARD A., Professor of Electrical Engineering, Robert College, Istambul, Turkey 1930

VAUGHAN, EVAN W., Instructor in Engineering Drawing, Case School of Applied Science, Cleveland, Ohio 1930

WELLMAN, B. LEIGHTON, Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1930

WILSEY, EDWARD F., Professor of Physics, Robert College, Istambul, Turkey 1930

Total additions	33
Individual members	2192
Institutional members	120
Total membership	2345

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Keller, A. R., Univ. of Hawaii.

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Wiley, R. B., Purdue Univ.
Wunderlee, J. L., Purdue Univ.
Young, G. A., Purdue Univ.
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Hessler, V. P., State College.
Johnson, F. E., State College.
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McNeely, J. K., State College.
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Murphy, L. F., State College.
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Holt, A. H., Univ. of Iowa.
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Kittredge, R. B., Univ. of Iowa.
Kurtz, E. B., Univ. of Iowa.
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Lund, Jacob, State College.
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Pickett, Gerald, State College.
Remick, B. L., State College.
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Files, M. T., Tufts College.
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Reynolds, James A., Tufts College.
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MICHIGAN

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Gilmore, D. P., Univ. of Detroit.
Godfrey, W. P., Univ. of Detroit.
Hanson, T. C., Univ. of Detroit.
Johnson, C. C., Univ. of Detroit.
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Ely.—Santo, J. H., Jr. College.
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Appleby, W. R., Univ. of Minn.
Archibald, Leon, Univ. of Minn.
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Bass, Fred., Univ. of Minn.
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Boss, Wm., Univ. of Minn.
Brooke, W. E., Univ. of Minn.
Bryant, J. M., Univ. of Minn.
Caverley, L. C., Univ. of Minn.
Comstock, E. H., Univ. of Minn.
Cutler, A. S., Univ. of Minn.
Dalaker, H. H., Univ. of Minn.
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Williams, O. E., State Univ.
Withrow, J. R., State Univ.
Younger, John, State Univ.

Dayton.—Belz, C. J., Univ. of Dayton.
Grandy, M. B., Univ. of Dayton.
Hartwich, F. C., Univ. of Dayton.
Hofman, G. A., St. Mary's College.
Rappel, U. J., Univ. of Dayton.
Schad, B. T., Univ. of Dayton.

Granville.—Ebaugh, W. C., Dennison Univ.
Greenshields, B. D., Dennison Univ.

Ivorydale.—Bergen, H. B.

Middletown.—Rosing, A. S., 1315 S. Main St.

Springfield.—Thomas, R. P., 475 E. Northern Ave.

Toledo.—Blanchard, A. H., 213 Richardson Bldg.
Brandeberry, J. B., Toledo Univ.
Neal, Y. A., Y. M. C. A.
Scott, L. C., Toledo Univ.
Smith, W. S., Toledo Univ.
Zarobsky, I. F., Toledo Univ.

Warren.—Foster, E. S., Packard Electric Co.

Yellow Springs.—Eastman, R. F., Antioch College.
Lloyd, T. C., Antioch College.
Morgan, A., Antioch College.
Rathbun, J. C., Antioch College.

OKLAHOMA

Norman.—Brookes, J. F., Univ. of Okla.
Bullen, C. V., Univ. of Okla.

Dodge, H. L., Univ. of Okla.
Felgar, Jas. H., Univ. of Okla.
Maxson, G. R., Univ. of Okla.
Tappan, F. G., Univ. of Okla.
Wolfard, N. E., Univ. of Okla.
Stillwater.—Baird, R. W., A. & M. College.
Baker, E. C., A. & M. College.
Donnell, P S., A. & M. College.
Drummond, G. B., A. & M. College.
Flanders, R. L., A. & M. College.
Leonard, C. M., A. & M. College.
Maleev, V. L., A. & M. College.
Naeter, A., A. & M. College.
Saxton, R. G., A. & M. College.
Stapley, E. R., A. & M. College.
Thuesen, H. G., A. & M. College.
Tulsa.—Anderson, Ed., Univ. of Tulsa.

OREGON

Corvallis.—Albert, A. L., Agri. College.
Baender, F. G., Agri. College.
Clouse, J. H., Agri. College.
Dearborn, R. H., Agri. College.
Griffith, J. R., Agri. College.
Hance, J. H., Agri. College.
Holcomb, G. W., Agri. College.
Martin, W. H., Agri. College.
Mockmore, C. A., Agri. College.
Othus, J. C., Agri. College.
Phillips, M. C., Agri. College.
Rogers, H. S., Agri. College.
Summers, R. E., Agri. College.
Waterman, I. F., Agri. College.
Willey, E. C., Agri. College.
Wooster, L. F., Agri. College.
Portland.—Haynes, W., Inst. of Tech.
Herington, G. B., 622 Kearny St.

PENNSYLVANIA

Black Gap.—McKibben, F. P.
Bethlehem.—Beaver, J. L., Lehigh Univ.
Bidwell, C. C., Lehigh Univ.
Brown, G. C., Bethlehem Steel Co.
Hibshman, N. S., Lehigh Univ.
Klein, A. W., Lehigh Univ.
Larkin, F. V., Lehigh Univ.
Miller, B. L., Lehigh Univ.
Payrow, H. G., Lehigh Univ.
Reynolds, J. B., Lehigh Univ.
Richard, C. R., Lehigh Univ.
Seyfert, S. S., Lehigh Univ.
Stoughton, Bradley, Lehigh Univ.
Stuart, M. C., Lehigh Univ.
Sutherland, Hale, Lehigh Univ.
Ullmann, H. M., Lehigh Univ.
Weiss, Camillo, 744 8th Ave.
Canton.—Taylor, F. D.
Chester.—Boase, A. J., Mil. College.
Easton.—Fernald, E. M., Lafayette College.
Goodrich, E. A., Lafayette College.
Hatch, D. A., Lafayette College.
Kennard, H. J., Lafayette College.
King, M., Lafayette College.
Lohr, W. S., Lafayette College.
MacDougall, C. W., Lafayette College.
Merrick, C. M., Lafayette College.
Perry, Lynn, Lafayette College.
Plank, W. B., Lafayette College.
Prentice, D. B., Lafayette College.
Rockwell, E. H., Lafayette College.
Roehrig, G. F., Lafayette College.
Slantz, F. W., Lafayette College.
East Pittsburgh.—Burkhart, P. H., W. E. & M. Co.
Coler, C. S., W. E. & M. Co.
Dudley, A. M., W. E. & M. Co.
Jablow, Chas., W. E. & M. Co.
Roberts, E. B., W. E. & M. Co.
Rugg, W. S., W. E. & M. Co.
Erie.—Wells, E. D., 1008 Weschler Ave.
Gettysburg.—Clutz, F. H., Gettysburg College.
Reen, C. G., Gettysburg College.
Haverford.—Gummere, H. V.
Rittenhouse, L. H., Haverford College.
Johnstown.—Anderson, C. A., Univ. of Pgh.
Lancaster.—Charles, R. L., Franklin & Marshall College.
Fry, H. M., Franklin & Marshall College.
Lewisburg.—Burpee, F. E., Bucknell Univ.
Drum, M. L., Bucknell Univ.
Garman, W. D., Bucknell Univ.
Griffith, D. M., Bucknell Univ.
Hall, V. B., Bucknell Univ.
Irland, G. A., Bucknell Univ.
Kunkle, G. M., Bucknell Univ.
Miller, J. B., Bucknell Univ.
Ogburn, S. C., Bucknell Univ.
Rhodes, W. K., Bucknell Univ.
Shaffer, H. A., Bucknell Univ.
Moores.—Davis, D. E.
New Kensington.—Hoglund, G. O.
Philadelphia.—Berry, H. C., Univ. of Penna.
Billings, J. Harland, Drexel Inst.
Bowman, H. L., Drexel Inst.
Bowman, H. T., Univ. of Penna.
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Day, Chas., 112 No. Broad St.
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Fernald, R. H., Univ. of Penna.
Frazer, John, Univ. of Penna.
Fry, H. P., Univ. of Penna.
Grandlienard, E. T., Univ. of Pa.
Gulick, L. N., Univ. of Penna.
Holland, U. C., Univ. of Penna.
Hosted, E. G., Drexel Inst.
Ingram, E. L., Univ. of Penna.
Kapp, C. A., Drexel Inst.
Kavanaugh, W. H., Univ. of Penna.
Leonard, S. J., Drexel Inst.
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Pender, Harold, Univ. of Penna.

Prior, J. A., Univ. of Pa.
Stevens, W. J., Drexel Inst.
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Weyl, Chas., Univ. of Pa.
Wilson, B. J., Leeds & Northrup Co.
Witmer, F. P., Univ. of Penna.

Pittsburgh.—Ahlquist, R. W., Univ. of Pgh.
Baker, T. S., Carnegie Inst. Tech.
Bashioum, H. C., Univ. of Pgh.
Bishop, F. L., Univ. of Pgh.
Black, R. M., Univ. of Pgh.
Blaisdell, A. H., Carnegie Inst. Tech.
Bowman, J. G., Univ. of Pgh.
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Dennison, B. C., Carnegie Inst. Tech.
Dent, J. A., Univ. of Pgh.
Diefendorf, A., Univ. of Pgh.
Dyche, H. E., Univ. of Pgh.
Dysart, P. M., Schenley H. S.
Edgar, R. F., Univ. of Pgh.
Ely, S. B., Carnegie Inst. Tech.
Endsley, L. E., Univ. of Pgh.
Estep, T. G., Carnegie Inst. Tech.
Follows, G. H., Carnegie Inst. Tech.
Goodale, S. L., Univ. of Pgh.
Gorham, R. C., Univ. of Pgh.
Hallock, J. W., Univ. of Pgh.
Holbrook, E. A., Univ. of Pgh.
Hower, H. S., Carnegie Inst. Tech.
Ihrig, R. M., Carnegie Inst. Tech.
James, J. H., Carnegie Inst. Tech.
Jewett, A. C., Carnegie Inst. Tech.
Jones, W. B., Univ. of Pgh.
Kemler, Emory, Univ. of Pgh.
Knowles, Morris, 507 Westinghouse Bldg.
Lambie, Jos. S., Concrete Products Co.
McCandliss, L. C., Univ. of Pgh.
McClelland, E. H., Carnegie Library.
McClintic, H. H., McClintic-Marshall Co.
McCullough, F. M., Carnegie Inst. Tech.
McCully, H. M., Carnegie Inst. Tech.
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McKenry, Nell, Univ. of Pgh.
Mott, W. E., Carnegie Inst. Tech.
Nettleton, E. B., Carnegie Inst. Tech.
Riggs, Norman C., Carnegie Inst. Tech.
Rittman, W. F., Carnegie Inst. Tech.
Smith, J. Hammond, Univ. of Pgh.
St. Peter, W. N., Univ. of Pgh.
Stanton, Chas. B., Carnegie Inst. Tech.
Swartzel, Karl D., Univ. of Pgh.
Thomas, H. A., Carnegie Inst.
Tracy, S. J., Univ. of Pgh.
Trinks, W., Carnegie Inst. Tech.
Wadsworth, F. L. O., Drawer 1, East Liberty Sta.
Weber, John, Univ. of Pgh.
Whited, E. W., Univ. of Pgh.
Work, W. R., Carnegie Inst. Tech.

Scranton.—Carpenter, D. E., International Correspondence School.

Sharon.—George, R. B., Westinghouse E. & M. Co.

Smehtport.—Coahran, J. M.

State College.—Allen, C. L., State College.
Axman, E., State College.
Bordner, E. R., State College.
Bullinger, C. E., State College.
Doggett, L. A., State College.
Everett, H. A., State College.
Harlan, O. K., State College.
Harris, C. L., State College.
Jones, A. S., State College.
Kaulfuss, J. E., State College.
Keller, J. O., State College.
Kinsloe, C. L., State College.
Lawson, W. P., State College.
Light, J. J., State College.
McFarland, D. F., State College.
Markle, D. L., State College.
Minshall, R. E., State College.
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Nesbitt, R. B., State College.
Owens, F. W., State College.
Powell, A. P., State College.
Pyle, H. G., State College.
Rhodes, L. S., State College.
Sackett, R. L., State College.
Shattuck, H. B., State College.
Stavely, Earl B., State College.
Stewart, F. C., State College.
Tobias, A. L., State College.
Walker, E. D., State College.
Whitehead, L. W., State College.
Wood, A. J., State College.

Swarthmore.—Fussell, L., Swarthmore College.
Lilly, S. B., Swarthmore College.
Thatcher, C. G., Swarthmore College.

Villanova.—Humphrey, C. T., Villanova College.

Wyomissing.—Carey, R. F.

PORTO RICO

Mayaguez.—Duffey, C. F., Box 143.
Mota, C. C., Univ. of P. R.
Whittemore, J. S., Univ. of P. R.

RHODE ISLAND

Kingston.—Anderson, Wm., State College.
Archibald, F., State College.
Billmyer, C. D., State College.
Brown, R. E., State College.
Randolph, J. R., State College.
Wales, R. L., State College.

Providence.—Berard, S. J., Brown Univ.
Bliss, Z. R., Brown Univ.
Bohl, L. T., Brown Univ.

Hall, Jas. A., Brown Univ.
Hill, J. E., Brown Univ.
Kenerson, W. H., Brown Univ.
Tompkins, F. N., Brown Univ.
Watson, A. E., Brown Univ.

SOUTH CAROLINA

Charleston.—Thomas, R. G., 19 Charles St.
Clemson College.—Clarke, E. L., Clemson College.
Curtis, D. D., Clemson College.
Earle, S. B., Clemson College.
Fernow, B. E., Clemson College.
Glenn, H. E., Clemson College.
Klugh, W. W., Clemson College.
Rhodes, S. R., Clemson College.
Shenk, D. H., Clemson College.
Columbia.—Ball, T. F., Univ. of S. C.

SOUTH DAKOTA

Brookings.—Carter, H. S., State College.
Crothers, H. M., S. D. State College.
Rapid City.—Beebe, G. A., School of Mines.
Clark, E. E., School of Mines.
Dake, E. D., School of Mines.
Herald, W. F., Black Hills Util. Co.
Kammerman, J. O., Sch. of Mines.
Klingler, W. W., School of Mines.
O'Harra, C. C., School of Mines.
Watson, C. G., School of Mines.
Sioux Falls.—Rayl, F. V., Washington H. S.
Vermillion.—Akeley, L. E., Univ. of S. D.
Brackett, B. B., Univ. of S. D.
Davidson, M. W., Univ. of S. D.

TENNESSEE

Knoxville.—Carpenter, E. L., Univ. of Tenn.
Nashville.—Brown, W. B., Vanderbilt Univ.
Coolidge, W. A., Vanderbilt Univ.
Cushman, P. A., Vanderbilt Univ.
Lewis, F. J., Vanderbilt Univ.
Schuerman, W. H., Vanderbilt Univ.
Slack, F. G., Vanderbilt, Univ.

TEXAS

Arlington.—McMurtray, H. D., Agri. College.
Austin.—Bantel, E. C. H., Univ. of Texas.
Benedict, H. Y., Univ. of Texas.
Brown, S. Leroy, Univ. of Texas.
Correll, J. A., Univ. of Texas.
Eckhardt, C. J., Univ. of Texas.
Ferguson, P. M., Univ. of Texas.
McLaurin, B., Univ. of Texas.
Taylor, T. U., Univ. of Texas.
Vallance, Alex, Univ. of Texas.
College Station.—Bagley, J. B., A. & M. College.
Bolton, F. C., A. & M. College.
Brewer, A. V., A. & M. College.
Burt, F A., A. & M. College.
Crawford, Chas. W., A. & M. College.
Dillingham, H. C., A. & M. College.
Faires, V. M., A. & M. College.
Fouraker, L. L., A. & M. College.
Geist, G A., A. & M. College.
Giesecke, F. E., A. & M. College.
Grinter, L. E., A. & M. College.
Markle, E. W., A. & M. College.
McCarter, W. W., A. & M. College.
Mitchell, Alva, A. & M. College.
Orr, J. A., A. & M. College.
Puryear, Chas., A. & M. College.
Richey, J. J., A. & M. College.
Scoates, D., A. & M. College.
Silvey, O. W., A. & M. College.
Steel, E. W., A. & M. College.
Summey, Geo., Jr., A. & M. College.
Wingren, R. M., A. & M. College.
Dallas.—Campbell, R. D., So. Methodist Univ.
Flath, E. H., So. Methodist Univ.
El Paso.—Marsh, M. R., College of Mines.
Houston.—Flagg, Ray, Texas Pipe Line Co.
Humphrey, H. K., Rice Institute.
Johnson, C. A., Great So. Life Bldg.
Miller, J. M., Rice Inst.
Pound, J. H., Rice Institute.
Ryon, L. B., Rice Inst.
Uhrig, L. V., Rice Inst.
White, W. E., Rice Inst.
Jefferson.—Braden, C.
Lubbock.—Adams, O. V., Tech. College.
Boller, S. J., Tech. College.
Doughtie, V. L., Tech. College.
Grandy, L. S., Tech. College.
Hardgrave, J. C., Tech. College.
Helwig, W. F., Tech. College.
Miller, W. J., Tech. College.
Murdough, J. H., Tech. College.
Perryman, C. C., Tech. College.
Street, W. E., Tech. College.
Svensen, C. L., Tech. College.
Stephenville.—Doremus, H. C., Agri. College.

UTAH

Logan.—Israelsen, O. W., Agri. College.
Kepner, H. M., Agri. College.
West, R. B., Agri. College.
Salt Lake City.—Adams, T. C., Univ. of Utah.
Bacon, G. M., 86 B St.
Gibson, J. L., University of Utah.
Ketchum, R. B., Univ. of Utah.
Lewis, R. S., Univ. of Utah.
Lyman, Richard R., 476 S. Temple St.
Lyon, D. A., Univ. of Utah.
Merrill, Jos. F., 47 E. So. Temple St.
Taylor, A. L., 258 Univ. St.

VERMONT

Burlington.—Buchanan, R. O., Univ. of Vt.
Bullard, J. A., Univ. of Vt.
Butterfield, A. D., Univ. of Vt.
Dickinson, L. P., Univ. of Vt.
Eckhardt, G. F., Univ. of Vt.
Fulton, W. T., Univ. of Vt.
Lucarini, G. B., Univ. of Vt.
Millington, H. G., Univ. of Vt.
Puffer, L. B., Univ. of Vt.
Shorey, L. F., Univ. of Vt.
Thomas, Evan, Univ. of Vt.
Votey, J. W., Univ. of Vt.
Yates, V. R., Univ. of Vt.
Enosburg Falls.—Towle, W. M.
Northfield.—Carleton, C. S., Norwich Univ.
Dix, L. E., Norwich Univ.
Emerson, W. D., Norwich Univ.
Winslow, A. E., Norwich Univ.
North Ferrisburg.—Breckenridge, L. P., The Brackens.

VIRGINIA

Blacksburg.—Barlow, W. E., Poly. Inst.
Begg, R. B. H., Poly. Inst.
Castleman, J. R., Poly. Inst.
Ellis, W. T., Poly. Inst.
Grenoble, H. S., Poly. Inst.
Johnson, J. S. A., Poly. Inst.
Jones, J. B., Poly. Inst.
Newman, C. M., Poly. Inst.
Norris, E. B., Poly. Inst.
Norton, P. T., Poly. Inst.
O'Shaughnessy, Louis, Poly. Inst.
Pritchard, S. R., Poly. Inst.
Sette, F. J., Poly. Inst.
Clarendon.—Stocking, E. J., 52 Marion Ave.
Hopewell.—McCann, W. R.
Lexington.—Anderson, J. A., Military Inst.
Anderson, S. W., Military Inst.
Heflin, S. M., Military Institute.
Houston, Hale, Box 422.
Mallory, Francis, Military Inst.
Marr, R. A., Military Inst.
Purdie, K. S., Military Inst.
Trinkle, R. J., Military Inst.
Watts, C. W., Military Inst.
Newport News.—Bailey, C. F.
University.—Bird, R. M., Univ. of Va.
Brown, F. L., Univ. of Va.
Daniel, C. M., Univ. of Va.
Henderson, C., Univ. of Va.
Hitchcock, L. B., Univ. of Va.
Johnson, H. P., Univ. of Va.
Macconochie, A. F., Univ. of Va.
Miller, Jas. S., Univ. of Va.
Newcomb, J. L., Univ. of Va.
Rodman, W. S., Univ. of Va.
Saunders, E. W., Jr., Univ. of Va.
Snavely, T. R., Univ. of Va.
Thornton, W. M., Univ. of Va.
Vaughan, J. L., Univ. of Va.

WASHINGTON

Pullman.—Abell, A. C., State College.
Candee, F. W., State College.
Carpenter, H. V., State College.
Drucker, A. E., State College.
Parker, E. B., State College.
Phelps, H. E., State College.
Sloan, R. D., State College.
Snyder, M. K., State College.
Welch, F. W., State College.
Seattle.—Chittenden, H. M., Univ. of Wash.
Collier, I. L., Univ. of Wash.
Daniels, Joseph, Univ. of Wash.
Farquharson, F. B., Univ. of Wash.
Hall, Amy V., Univ. of Wash.
Hawthorn, G. E., Univ. of Wash.
Magnusson, C. E., Univ. of Wash.
Miller, A. L., Univ. of Wash.
More, C. C., Univ. of Wash.
Roberts, Milnor, Univ. of Wash.
Tyler, R. G., Univ. of Wash.
Warner, F. M., Univ. of Wash.
Wilcox, E. R., Univ. of Wash.
Wilson, Geo. S., Univ. of Wash.
Winslow, A. M., Univ. of Wash.
Snohomish.—Blake, D.
Yakima.—Richter, A. W., Price Mfg. Co.

West Virginia

Belle.—Bridge, L. R.
Huntington.—Bragonier, A. T., Marshall College.
Montgomery.—Raub, L. G.
Morgantown.—Amidon, L. L., W. Va. Univ.
Boomsliter, G. P., W. Va. Univ.
Gill, J. H., W. Va. Univ.
Grow, G. W., W. Va. Univ.
Hayes, L. D., W. Va. Univ.
Hodge, W. W., W. Va., Univ.
Jones, C. R., W. Va. Univ.
Maclin, E. S., W. Va. Univ.
White, B. S., W. Va. Univ.

WISCONSIN

Madison.—Bennett, Edw., Univ. of Wis.
Dawson, F. M., Univ. of Wis.
Dorrans, J. M., Univ. of Wis.
Elliott, Benj. G., Univ. of Wis.
Hansen, E. T., Univ. of Wis.
Hylan, P. H., Univ. of Wis.
Janda, H. F., Univ. of Wis.
Jansky, C. M., Univ. of Wis.
Kommers, J. B., Univ. of Wis.
Kowalke, Otto L., Univ. of Wis.
Larson, G. L., Univ. of Wis.
March, H. W., Univ. of Wis.
Maurer, E. R., Univ. of Wis.
Mead, D. W., Univ. of Wis.
Millar, A. V., Univ. of Wis.
Nelson, D. W., Univ. of Wis.
Orth, H. D., Univ. of Wis.
Owen, R. S., Univ. of Wis.
Price, J. R., Univ. of Wis.
Puerner, R. E., Univ. of Wis.
Pulver, H. E., Univ. of Wis.

Ragatz, R. A., Univ. of Wis.
Roark, R. J., Univ. of Wis.
Tracy, G. F., Univ. of Wis.
Turneaure, F. E., Univ. of Wis.
Van Hagan, L. F., Univ. of Wis.
Ward, G. C., Univ. of Wis.
Watson, J. W., Univ. of Wis.
Watts, O. P., Univ. of Wis.
Wendt, K. F., Univ. of Wis.
Wilson, G. C., Univ. of Wis.
Wilson, L. A., Univ. of Wis.
Withey, M. O., Univ. of Wis.

Milwaukee.—Baldwin, L. S., 619 State St.
Bliss, W. D., Tool Co.
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Douglas, J. F. H., Marquette Univ.
Fick, A., Marquette Univ.
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Kane, E. W., Marquette Univ.
Kartak, F. A., Marquette Univ.
Krotzer, F. W., 442 Greenwich Ave.
Scrimshaw, S., Marquette Univ.
Wiepking, C. A., 3501 Clybourn St.

Oshkosh.—Walsh, F. W., State Teachers College.

WYOMING

Laramie.—Goodrich, R. D., Univ. of Wyo.
Guiteras, J. R., Univ. of Wyo.
Rhoads, R. L., Univ. of Wyo.
Sechrist, G. H., Univ. of Wyo.
Sink, R. S., Univ. of Wyo.

BELGIUM

Ghent.—VanDen Meersche, A. J., Univ. of Ghent.

BRAZIL

Sao Paulo.—Freire, V. S., Poly. School.

CHINA

Shanghai.—Ely, J. A., St. John's Univ.

Tangshan.—Wu, Ng Chee, Tangshan Univ.

Tientsin.—Bouchard, Harry, Pei Yeng Univ.
Mao, T. E., Pei-Yang Univ.

ENGLAND

London.—Spooner, H. J., Poly. Sch. of Engineering.

Manchester.—Fleming, A. P. M., Metropolitan-Vickers Elec. Co.

FRANCE

Paris.—Reber, L. E., c/o National City Bank.

INDIA

Bombay.—Gokhale, G. V., C. E. College.

Byculla.—Nissar, A. R., Victoria Jubilee Tech. Inst.

Jamshedpur.—Bose, S. N., Tata Co., Ltd.

Trichinopoly. — Ananthanarayanan, S., School of Civil Eng.

JAPAN

Tokyo.—Hirota, S., 22 Denyen-Chofu.

MEXICO

Mexico City.—Cuevas, J. A., School of Eng.
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Keller, W. A., Univ. of Mexico.

Tacubaya.—Bernard, M., Gelati 17.

POLAND

Lwow.—Aulich, W. M., Polytechnic.

RUSSIA

Leningrad.—Chatelain, M., Poly. Inst.

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SYRIA

Beirut.—Jurdak, M., American Univ.

TURKEY

Constantinople.—Scipio, L. A., Robert College.
Sheiry, E. S., Robert College.

GROWTH OF INDIVIDUAL MEMBERSHIP.

Aug.	20, 1894	156	
Sept.	2, 1895	184	
Aug.	20, 1896	200	(about)
Aug.	16, 1897	203	
Aug.	18, 1898	226	
Aug.	17, 1899	238	
July	2, 1900	249	
June	29, 1901	261	
June	27, 1902	253	
July	1, 1903	271	
Sept.	1, 1904	325	
June	28, 1905	379	
July	2, 1906	400	
July	1, 1907	415	
June	27, 1908	675	
June	24, 1909	759	
June	23, 1910	848	
June	27, 1911	1,071	
June,	1912	1,102	
June,	1913	1,158	
March,	1914	1,339	
July	1, 1915	1,452	
March,	1916	1,504	
March,	1917	1,505	
March,	1918	1,506	
April,	1920	1,511	
April,	1922	1,589	
March,	1923	1,694	
March,	1924	1,775	
March,	1926	1,988	
June,	1927	1,995	
May,	1928	2,025	
April,	1929	2,086	
Nov.,	1929	2,169	
Nov.	1, 1930	2,192	

Individual Members	2192
Institutional Members	120
Total Membership	2312

MEETINGS OF THE S. P. E. E.

1893, July 30–Aug. 5	Chicago, Ill.*	I. O. Baker, Univ. of Ill. (Chairman, Section E.)
1894, Aug. 20–22	Brooklyn Polytechnic Institute, Brooklyn, N. Y.	DeVolson Wood, Stevens Inst. of Technology.
1895, Sept. 2–4	Springfield, Mass.	G. F. Swain, Massachusetts Inst. of Technology.
1896, Aug. 20–22	Buffalo, N. Y.	Mansfield Merriman, Lehigh Univ.
1897, Aug. 16–18	University of Toronto, Toronto, Ontario.	H. T. Eddy, Univ. of Minn.
1898, Aug. 18–20	Boston, Mass.	J. B. Johnson, Wash. Univ., Missouri.
1899, Aug. 17–19	The Ohio State University, Columbus, O.	T. C. Mendenhall, Worcester Polytechnic Inst.
1900, July 2–3	Columbia University, New York City.	I. O. Baker, Univ. of Ill.
1901, June 29–July 2	Buffalo, N. Y.	F. O. Marvin, Univ. of Kans.
1902, June 27–28	Pittsburgh, Pa.	Robert Fletcher, Dartmouth College.
1903, July 1–3	Niagara Falls, N. Y.	C. M. Woodward, Wash. Univ., St. Louis.
1904, Sept. 1–3	St. Louis, Mo.	C. F. Allen, Mass. Inst. of Technology.
1905, June 28–29	Atlantic City, N. J.	F. W. McNair, Mich. Coll. of Mines.
1906, July 2–3	Cornell University, Ithaca, N. Y.	C. L. Crandall, Cornell Univ.
1907, July 1–3	Case School of Applied Science, Cleveland, O.	D. C. Jackson, M. I. T.
1908, June 24–27	Detroit, Mich.	Chas. S. Howe, Case School of Applied Science.
1909, June 24–26	Columbia University, New York City.	F. E. Turneaure, Univ. of Wis.
1910, June 23–25	University of Wisconsin, Madison, Wis.	H. S. Munroe, Columbia Univ.
1911, June 27–29	Carnegie Institute of Technology and the University of Pittsburgh, Pittsburgh, Pa.	A. N. Talbot, Univ. of Ill.
1912, June 26–29	M. I. T., Harvard and Wentworth, Boston Mass.	W. G. Raymond, Univ. of Iowa.
1913, June 24–26	University of Minnesota, Minneapolis, Minn.	W. T. Magruder, Ohio State Univ.
1914, June 23–26	Princeton University, Princeton, N. J.	G. C. Anthony, Tufts College, Mass.
1915, June 22–25	Iowa State College, Ames, Ia.	Anson Marston, Iowa State College.
1916, June 19–22	University of Virginia, University, Va.	H. S. Jacoby, Cornell Univ.
1917, July 6–7	Washington, D. C.	G. R. Chatburn, Univ. of Neb.
1918, June 26–29	Northwestern University, Evanston, Ill.	M. S. Ketchum, Univ. of Colo.

* Meeting of Section E, Engineering Education, of the World's Engineering Congress, at which the S. P. E. E. was organized.

1918, December 6–7 *	Cambridge, Mass.	J. F. Hayford, Northwestern University.
1919, June 25–28	Baltimore, Md.	J. F. Hayford, Northwestern University.
1920, June 29–July 2	University of Michigan, Ann Arbor, Mich.	A. M. Greene, Jr., Rensselaer Polytechnic Inst.
1921, June 28–July 1	Yale University, New Haven, Conn.	M. E. Cooley, Univ. of Mich.
1922, June 20–23	University of Illinois, Urbana, Ill.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1923, June 20–23	Cornell University, Ithaca, N. Y.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1924, June 25–28	University of Colorado, Boulder, Colo.	P. F. Walker, Univ. of Kans.
1925, June 16–20	Union College, Schenectady, N. Y.	A. A. Potter, Purdue Univ.
1926, June 16–18	State University of Iowa, Iowa City, Ia.	G. B. Pegram, Columbia Univ.
1927, June 27–30	University of Maine, Orono, Maine.	O. M. Leland, Univ. of Minn.
1928, June 26–29	University of North Carolina, Chapel Hill, N. C.	R. L. Sackett, Penna. State College.
1929, June 19–21	The Ohio State University, Columbus, Ohio.	Dexter S. Kimball, Cornell University.
1930, June 26–28	Ecole Polytechnique, McGill University, Montreal, Canada.	R. I. Rees, American T. & T. Co.
1931, June 17–19	Purdue University, Lafayette, Ind.	H. S. Boardman, University of Maine.

* Joint Meeting with the British Educational Mission to the United States. The meeting was called at the request of the Committee on International Relations of the American Council on Education.

ADMINISTRATIVE

EDUCATIONAL

Akeley, L. E.
Alexander, M. W.
Anderson, D. S.
Anthony, G. C.
Appleby, W. R.
Arduser, L. P.
Armsby, H. H.
Arnold, D. M.
Ayer, F. E.

Bacon, G. P.
Baker, T. S.
Barker, J. W.
Barney, E. S.
Barrett, S. K.
Bauer, W. C.
Benedict, H. Y.
Bernard, Miguel
Biegler, P. S.
Bishop, F. L.
Bissell, G. W.
Bliss, C. P.
Boardman, H. S.
Bolton, F. C.
Bowman, John G.
Boyd, E. P.
Boyer, Aurelien
Braune, G. M.
Brigman, B. M.
Brittain, M. L.
Brock, R. W.
Brodhead, J. A.
Brooks, J. P.
Bro. A. Leo
Bullock, W. E.
Busby, H. S.
Butler, G. M.

Capen, S. P.
Carey, R. F.
Carpenter, D. E.
Carpenter, H. V.
Carter, C. C.
Case, G. W.
Chambliss, Hardee
Chandler, E. F.
Chatburn, G. R.
Clifford, H. E.
Cloke, Paul
Cloyd, E. L.
Cobleigh, W. M.
Colston, A. L.
Compton, Karl T.
Coolbaugh, M. F.
Cooley, M. E.
Crawford, I. C.
Creamer, W. J.
Crothers, H. M.
Cuevas, Jose A.
Cullimore, A. R.

Daggett, P. H.
Davies, C. E.
Davis, G. J.
Davis, H. L.
Davis, H. N
Derleth, Chas.
Diederichs, Herman
Diemer, Hugo
Disque, R. C.
Distler, T. A.
Dobbs, F. E.
Dodge, H. L.
Dolve, R. M.
Donnell, P. S.
Dorroh, J. H.
Drucker, A. E.

Earle, Ralph
Earle, S. B.
Edmands, S. S.
Ell, Carl S.
Elliott, E. C.
Ely, John A.
Emerson, L. A.
Evans, F. H.
Evans, H. S.

Faig, J. T.
Farrell, F. D.
Felgar, J. H.
Fenton, C. L.
Ferguson, O. J.
Fernald, R. H.
Field, F.
Finch, J. W.
Fiske, D. L.
Flath, E. H.
Fletcher, Robert
Focke, T. M.
Frazer, John
Freeman, E. H.
Freeman, W. E.
Frigon, Augustin
Fulton, C. H.
Furman, F. D.

Gauger, A. W.
Gibson, J. L.
Giesecke, F. E.
Gilmour, W. A.
Gladney, T. G.
Gladson, W. N.
Gokhale, G. V.
Gough, A. C.
Gould, C. W.
Graham, W. P.
Greene, A. M.
Grenoble, H. S.

Hammond, H. P.
Hance, J. H.
Hartman, F. M.
Haynes, Walter
Henline, H. H.
Hewitt, C. E.
Hirota, S.
Hitchcock, E. A.
Holbrook, E. A.
Hollis, Ira N.
Holman, W. F.
Hoover, T. J.
Hotchkiss, W. O.
Houchens, J. M.
Howe, C. S.
Hume, Alfred

Ihrig, R. M.

Jewett, A. C.
John, W. C.
Johndroe, S. G.
Johnson, C. A.
Jones, C. R.
Jones, W. B.
Jordan, H. H.

Kapp, C. A.
Kartak, F. A.
Kegerreis, Roy
Keller, A. R.
Keller, J. O.
Ketchum, M. S.
Ketchum, R. B.
Kimball, D. S.
Koch, R. L.
Kolbe, P. R.

Langsdorf, A. S.
Lapham, J. R.
Lawrence, J. C.
Lawrence, R. E.
Leland, O. M.
Lester, O. C.
Lory, C. A.

Macarthur, J. R.
Mackenzie, C. J.
Magnusson, C. E.
Mann, C. R.
Mao, T. E.
Marsden, R. R.
Marston, Anson
Matheson, K. G.
McCabe, F. T.
McCaustland, E. J.
McClelland, E. H.
McFarland, D. F.
Mees, C. L.
Merrill, J. F.
Miliar, A. V.
Miller, W. J.
Mitchell, C. H.
Mitchell, Louis
Mitchell, W. A.
Moody, H. W.
Morgan, A. E.
Morgan, J. R.
Mott, W. E.
Moyer, J. A.
Murphy, L. J.

Nash, P. C.
Neal, Y. A.
Needy, John A.
Newcomb, J. L.

Nichols, L. G.
Nichols, M. E.
Nightingale, W. E.
Norman, J. W.
Norris, E. B.

O'Harra, C. C.

Pearson, R. A.
Pender, Harold
Penn, J. C.
Pettee, C. H.
Pettengill, T. E.
Potter, A. A.
Pratt, Charles
Prentice, D. B.
Puryear, Charles

Randall, J. A.
Raymond, H. M.
Reber, L. E.
Rew, Irwin
Rhoads, R. L.
Richards, C. R.
Richmond, A. P.
Robb, E. R.
Roberts, Milnor
Rogers, H. S.
Rood, James T.
Rowe, J. E.
Russell, W. B.

Sackett, R. L.
Sadler, H. C.
Santo, J. H.
Schneider, Herman
Schuerman, W. H.
Scipio, L. C.
Seabury, G. T.
Seaton, R. A.
Sexton, F. H.
Shaad, G. C.
Shaw, H. B.
Short, R. L.
Sibley, F. H.
Skene, Frederick
Skiles, W. V.
Sloan, R. D.
Snow, C. H.
Sobey, Albert
Spahr, R. H.
Spencer, R. L.
Steiner, Fr.
Streubel, E. J.
Sullivan, G. L.

Taylor, T. U.
Thomson, F. A.
Thornton, W. M.
Thorogood, B. K.
Tryon, J. L.
Tudbury, C. W.
Turneaure, F. E.
Turnbull, J. M.
Turnbull, W. D.
Tyler, H. W.
Tyler, R. G.

VanLeer, B. R.
Veni, C. B.
Votey, J. W.

Wales, R. L.
Walters, Raymond
Wallace, L. W.
Warren, C. H.
Weber, John
Weed, J. M.
Wells, E. H.
West, R. B.
White, R. A.
White, W. C.
Whited, E. W.
Whitehead, J. B.
Wickenden, W. E.
Williams, C. C.
Williston, A. L.
Wilmore, J. J.
Wilson, R. S. L.
Wing, F. H.
Winfry, R.

de Zafra, Carlos
Zimmers, P. J.

INDUSTRIAL

Aldrich, W. S.
Alford, L. P.

Bacon, G. M.
Bailey, C. F.
Ball, Max B.
Bergen, H. B.
Bose, S. N.
Breedlove, L. B.
Brown, G. C.
Buck, A. M.

Carty, J. J.
Coburn, Theo.
Colby, W. C.
Coler, C. S.
Collyer, Norman
Cornell, M. L.
Crawford, D. F.
Crosby, L. S.
Crouch, C. H.

Davidson, F. A.
Day, Charles
Day, Harold
DeLay, F. A.
Dibert, H. M.
Dietz, J. W.
Doherty, H. L.
Donald, W. J.
Dooley, C. R.
Dowd, W. E.
Doyle, F. B.

Earle, Chester R.
Edgecomb, R. E.
Edwards, J. H.
Eshbach, Ovid W.

Fleming, A. P. M.
Flowers, A. E.
Foss, M. M.
Frampton, G. O.
Fry, T. C.

Gilchrist, J. F.
Griswold, R. G.

Hall, W. C.
Hamilton, E. P.
Hamilton, G. A.
Hammond, John H.
Hanley, F. B.
Haskell, L. S. J.
Hawkes, J. B.
Heany, A. G.
Heck, C. R.
Herington, G. B.
Herr, E. M.
Herrmann, R. R.
Hood, O. P.
Howe, C. D.

Jackson, John P.
Jenkins, F. R.
Jewell, A. H.
Jewett, F. B.

Klopsteg, P. E.
Knowles, Morris

Lambert, L. S.
Lambie, J. S.
Lamkin, R. L.
Lewisohn, Sam A.
Long, M. B.
Lopez, J. N.
Lyford, O. S.

MacNaughton, Jas.
Main, C. T.
Macomber, G. S.
Mann, Fred S.
Mansfield, E. S.
McClintic, H. H.
McIntyre, L. W.
Means, L. H.
Mills, John
Milton, T.
Morey, C. W.
Morris, H. M.
Morrow, L. W.
Morss, Everett

Nelson, W. M.
Newkirk, B. L.

Olsen, Tinius
Osborne, L. A.

Parker, J. C.
Pennock, G. A.
Perry, F. G.
Pfeif, G. H.
Pinney, J. C.
Pitou, Eugene
Porter, J. F.
Potts, Clyde

Quigley, L. V.

Rees, R. I.
Richter, A. W.
Ridd, S. J.
Robinson, M. B.
Rorty, M. C.
Rosing, A. S.
Rugg, W. S.

Searles, C. L.
Shaw, R. P.

Skinkle, J. W.
Smythe, R. E.
Sprague, E. J.
Staley, A. C.
Stevens, A. C.
Stillwell, L. B.
Stone, C. W.

Thomas, G. B.
Thompson, J. S.
Thomson, R. D.
Triest, R. M.
Turley, O. J.

Wadsworth, J. E.
Wagner, S. T.
Wait, J. C.
Walker, Amasa
Warren, G. E.
Weaver, L. H. A.
Weisiger, K.
Wells, A. E.
Weston, Edward
Wheatley, E. A.
Whitmore, R. D.
Wiley, W. O.
Willard, F. W.

Zucrow, M. J.

AERONAUTICS

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Blaisdell, A. H.
Daniel, C. M.
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Merriam, K. G.

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Teichmann, F. K.

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Beresford, H.
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Fenton, F. C.

Hoffman, A. H.

Logan, C. A.

Marcellus, J. B.

Neal, J. H.

Roe, H. B.

Schwantes, A. J.
Scoates, D.
Stewart, E. A.

Walker, H. B.
White, H. B.
Wooley, J. C.

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Deneen, D. J.

Foster, W. A.

Geist, G. A.

Harris, C. L.

Lawson, W. P.
Lindblad, A. F.

Mann, F. M.
Morgan, N. D.

Norton, P. W.

Palmer, C. E.
Provine, L. H.

Stock, O. L.

Weigle, Paul
White, J. M.

ASTRONOMY

Boothroyd, S. L.

CERAMICS

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Carruthers, J. L.

Greaves-Walker, A. F.

Watts, A. S.

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Bashioum, H. C.
Bentley, W. J.
Bray, John L.

Carr, A. R.

Ernst, R. C.

Hitchcock, L. B.
Hodge, W. W.
Hunt, L. W.

Jackson, D. D.
Jenness, L. C.

Kowalke, O. L.

Lorah, J. R.

Mann, C. A.
Maxwell, H. L.
McCann, W. R.
McKee, R. H.

Montillon, G. H.
Montanna, R. E.
Morgan, J. J.

Newman, A. B.

Ogburn, S. C.
Olsen, J. C.

Peffer, H. C.

Ragatz, R. A.
Rogers, Allen

Salathe, Albert
Shipman, F. M.
Shreve, R. Norris
Stewart, V. T.
Strahan, S. A. S.

Watts, O. P.
White, A. H.
White, John
Withrow, J. R.
Work, L. T.

CHEMISTRY

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Bartow, Edward
Baxter, R. A.
Bird, R. M.
Brann, B. F.
Brautlecht, C. A.
Bray, P. D.

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Chandlee, G. C.

Durkee, F. W.

Ebaugh, W. C.

Feusse, E. G.

Geiger, I. W.
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Harding, E. P.
Heisig, G. B.
Homberger, A. W.

James, J. H.
Johnson, F. M. G.

Keyes, D. B.

Margolis, Jos.

Newman, D. A.

Pond, F. J.

Schommer, J. J.

Ullman, H. M.

Veazey, W. R.
Von Ende, C. L.

Wilson, R. N.
Wroth, B. B.

Yates, J. A.

CIVIL ENGINEERING

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Adams, O. V.
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Allen, Chester
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Allen, C. M.
Allison, W. H.
Alvord, Henry B.
Anderson, James A.
Andrews, C. B.

Babcock, John B.
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Bantel, E. C. H.
Barnes, F. A.
Barnes, George E.
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Barron, A. C.
Barrows, H. K.
Bass, Frederic
Bates, Onward
Beebe, G. A.
Beggs, R. B. H.
Beggs, G. E.
Belz, C. J.
Bergman, Elmer O.
Berry, E. F.
Berry, H. C.
Beyer, A. H.
Bird, H. C.
Bishop, C. T.
Blanchard, A. H.
Boardman, H. P.
Boase, A. J.
Bohl, Leighton
Boon, Leonard F.
Bouchard, Harry
Bowler, Edmond W.
Bowman, Harry L.
Boyd, Alfred
Bragonier, A. T.
Brandes, Fred C.
Breed, C. B.
Brooks, John F.
Bro. Raymond
Brown, C. C.
Brumfield, R. C.
Bulger, John W.
Burden, Harry P.
Burger, W. H.
Burr, Wm. H.
Butler, Joe B.

Callan, J. A. C.
Carleton, Charles S.
Carpenter, L. G.
Carter, Harold S.
Carter, Ike N.
Cary, Edward R.
Caughey, R. A.
Circé, A. deL.
Cissel, J. H.
Clarke, Elwyn L.
Clutz, Frank H.
Codwise, Henry R.
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Conner, S. L.
Conrad, L. E.
Constant, F. H.
Converse, F. J.
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Coolidge, W. A.
Costa, J. J.
Crane, Theodore
Crawford, W. W.
Critchfield, C. L.
Crosby, W. W.
Cross, Hardy
Curfman, L. E.
Cutler, A. S.

Dake, E. D.
Davis, R. E.
Derby, Frank H.
Derickson, Donald
Diefendorf, Adelbert
Dodds, J. S.
Doland, J. J.
Doremus, Hal C.
Doty, L. D.
Douglas, Malcolm S.
Downing, L. K.
Downing, Roderick
Drum, Martin L.
Duckering, W. E.
Dunham, Clarence W.
Dunstan, G. H.
DuPlantier, D. A.
Durst, Ross C.

Eastman, Robert F.
Eckel, C. L.
Eckhard, G. F.
Eddy, C. L.
Edgar, R. F.
Elbin, Guy H.
Emmons, W. J.
Eno, F. H.
Evans, Weston S.
Evinger, M. I.

Farnham, C. S.
Farquharson, F. B.
Felker, Everett J.
Fick, Adolph
Finch, James K.
Fish, J. C. L.
Fitterer, J. C.
Flanders, R. L.
Fleming, Robins
Foss, F. E.
Fox, Fred H.
Frazier, F. F.
Freel, W. I.
French, A. W.
French, Owen B.
French, R. D.
Fuller, A. H.
Furr, M. W.

Garman, H. O.
Garran, F. W.
Garst, H. O.
Gehrig, A. G.
Geile, W. G.
Gilkey, Herbert J.
Gilmore, David P.
Glenn, H. E.
Goodrich, E. A.
Goodrich, R. D.
Gram, L. M.
Gramstorff, Emil A.
Grandlienard, E. T.
Grant, Eugene L.
Greenshields, B. D.
Greve, F. W.
Griffith, D. M.
Griffith, J. R.
Grinter, L. E.

Haertlein, A.
Hales, V. D.
Hall, R. A.
Hall, W. H.
Hamilton, James B.
Hanson, T. C.
Harding, G. H.
Harkness, D. H.
Harris, Walter B.
Hart, Clarence A.
Hatt, W. K.
Hawthorn, G. E.
Heck, Nicholas H.
Hendrick, T. K.
Hickerson, T. F.
Hill, J. E.
Hoad, W. C.
Hoadley, A.
Holcomb, G. W.
Holden, C. A.
Holmberg, Carl H.
Holt, A. H.
Hooper, E. G.
Hoskins, L. M.
Hosmer, Geo. L.
House, E. B.
Houston, Hale
Howard, J. W.
Howe, Jerome W.
Howland, Warren E.
Hughes, C. A.
Huntington, W. C.
Hyde, A. L.

Ingram, E. L.
Israelsen, O. W.

Jacoby, H. S.
Jamieson, R. E.
Janda, H. F.
Jett, D. B.
Johnson, A. R.
Johnson, C. C.
Johnson, L. J.
Jones, J. O.

Kaulfuss, J. E.
Keim, P. F.
Kelton, Frank C.
Kennard, H. J.
Kerekes, F.
Kepner, H. R.
Kesner, H. J.
King, E. E.
King, H. W.
Kissam, P.
Kittredge, Ray B.
Klingler, W. W.
Klotz, Fred
Knight, Arthur J.
Krefield, W. J.

Lambert, B. J.
Leavitt, Harold W.
Lefavour, Roland W.
Lendall, H. N.

Leonard, S. J.
Lilly, S. B.
Loebs, E. M.
Lohr, W. S.
Lommel, George E.
Lowe, T. M.
Luther, H. B.
Lyman, Richard R.

MacDonald, John
Mahone, L. W.
Maney, G. A.
Marker, J. R.
Marr, Robert A.
Marx, C. D.
Matheson, Ernest G.
McCandliss, L. C.
McCormick, R. L.
McCosh, S. A.
McCullough, F. M.
McIntosh, W. R.
McKibben, F. P.
McLaurin, Banks
McLoughlin, F. O. X.
Merryfield, Fred.
Meserve, G. H.
Mickey, Clark E.
Miller, A. L.
Miller, Hugh
Minshall, Robert E.
Mockmore, C. A.
Moore, G. R.
Moots, E. E.
More, Chas. C.
Morris, C. T.
Morrison, I. F.
Morrison, Roger L.
Morse, R. F.
Moser, Chas.
Mota, C. C.
Moyer, R. A.
Munson, T. A.
Murdough, J. H.
Murphy, Glenn

Nagler, F. A.
Neff, F. H.
Nesbitt, Russell B.
Nygard, Eric

Oliver, W. A.
Orbeck, M. J.
Orr, J. A.
Ostrander, J. E.
Owen, Ray S.

Palsgrove, Grant K.
Patten, W. E.
Payrow, H. G.
Perry, John E.
Perry, Lynn
Peterson, F. G. E.
Petty, Benjamin H.
Phelps, H. E.
Plummer, F. L.
Pond, M. A.
Porter, Dwight
Prior, John C.
Probst, Emil
Puffer, Louis B.
Pulver, H. E.
Pyle, H. G.

Rader, Lloyd F.
Rathbun, John C.
Raymond, A. T.
Rayner, Wm. H.
Reed, Percy L.
Reen, Calvin G.
Rhodes, Leland S.
Rice, H. A.
Richey, J. J.
Riggs, H. E.
Robbins, A. G.
Rockwell, E. H.
Rodhouse, T. J.
Roehrig, G. F.
Rogers, C. E.
Rubey, H. K.
Russell, Frank A.
Ryon, Lewis B.

Sadler, Walter C.
Sarason, Samuel D.
Saunders, Edward W.
Saxton, Ren G.
Schad, Bernard T.
Schwarze, C. T.
Shank, Jacob R.
Shattuck, H. B.
Shedd, Thomas C.
Sheiry, E. S.
Sherlock, Robert H.
Sherman, C. E.
Skelton, R. H.
Slantz, F. W.
Sloane, R. C.
Smith, J. Hammond
Smith, W. Sherman
Snow, F. C.
Snyder, M. K.
Spencer, W. R.
Spoffard, C. M.
Sprague, Embert H.
Squire, E. J.
Stanton, Chas. B.
Stapley, Edward R.
Steinman, D. B.
Stephenson, S. A.
Stewart, L. B.
Stewart, L. O.
Stocker, George P.
Stocking, E. J.
Stone, E. A.
Sutherland, Hale
Suttle, R. H.
Swain, G. F.
Sweetser, E. O.

Taylor, Herbert F.
Taylor, W. C.
Terrell, Daniel V.
Thoman, W. H.
Thomas, Earl C.
Thomas, Franklin
Thomas, H. A.
Thompson, G. S.
Thoroughgood, R. W.
Timby, E. K.
Todd, Marion W.
Tracy, J. C.
Trowbridge, D. S.
Turner, D. L.
Tyrrell, H. G.

Uhrig, L. V.
Underwood, P. H.

Van Hagan, L. F.
Van Ornum, J. L.
Vawter, Jamison

Waddell, J. A. L.
Ward, G. C.
Ward, Samuel
Waterman, I. F.
Watwood, V. B.
Weaver, Frederic N.
Wegner, W. W.
Weiss, Camillo
Welch, Frederic W.
Wells, Melville B.
Wendt, W. B.
West, F. L.
West, G. Alvin
Wheeler, William H.
White, C. L.
White, Leon V.
White, W. E.
Whitehead, L. W.
Wilcox, Elgin R.
Williams, S. N.
Williams, W. S.
Wilson, Wilbur M.
Winslow, A. E.
Wise, J. A.
Wisler, C. O.
Witmer, Francis P.
Wolfard, N. E.
Wolfe, W. S.
Wood, F. M.
Wooten, Louis E.
Wright, Edwin H.
Wu, Ng Chee

Young, C. R.

Zelner, O. S.

ECONOMICS

Bradfield, L. R.

Hall, O. F.
Haygood, T. F.

Kammeyer, J. E.

Mayer, Jos.
McKenry, Nell

O'Hara, J. L.

Pollay, F. J.

Schlagenhauf, M. J.
Scherger, G. L.
Snavely, T. R.

Tucker, D. S.

ELECTRICAL ENGINEERING

Abbott, T. A.
Adams, C. A.
Adams, F. J.
Ahlquist, R. W.

Albert, A. L.
Alger, Philip L.
Anderson, C. A.
Anderson, H. W.
Anderson, Stewart
Anderson, Wm.
Arnold, Bion J.
Arnold, James L.
Attwood, S. S.
Axman, Ernest

Bailey, B. F.
Ball, T. F.
Ballard, W. C.
Balmford, J. A.
Bangratz, Ernest G.
Barnett, B.
Barrows, W. E.
Bason, G. F.
Batchelder, D. E.
Baum, Harry
Beach, Robin
Beaver, J. L.
Beck, F. J.
Bennett, Edward
Berg, E. J.
Betts, R. A.
Bibber, Harold W.
Blalock, Grover C.
Boring, Maynard M.
Brackett, B. B.
Brenneman, J. L.
Bristol, F. J.
Brooks, Morgan
Brown, H. A.
Brown, Wesley B.
Browne, Wm. Hand
Bryant, J. M.
Buchanan, Roy O.
Bullen, Chas. V.
Bureau, E. A.
Burkhart, Paul H.
Bush, Vannevar

Caldwell, F. C.
Campbell, Ivor S. C.
Canfield, Donald T.
Campos, Raul
Canavaciol, F. E.
Carr, Clifford, C.
Caverley, L. C.
Chatelain, Mikael
Clark, Edwin E.
Clark, J. C.
Conrad, A. G.
Cook, A. L.
Coover, M. S.
Corcoran, George F.
Correll, J. A.
Cosandey, C. J.
Creager, Paul S.
Curry, W. A.
Curtner, D. L.

Daniloff, M.
Dates, H. B.
Davis, W. C.
Dawes, C. L.
Dawes, Lyman M.
Dearborn, R. H.
Dennison, B. C.
Dickinson, L. P.
Dillingham, H. C.
Doane, S. E.
Doggett, L. A.
Doherty, R. E.
Douglas, J. A.
Douglas, J. F. H.
Dow, W. G.
Dudley, A. M.
Duffey, C. F.
DuVall, W. Clifton
Dyche, H. E.

Edison, Oskar E.
Emrick, Paul S.
Entwistle, J. L.
Everitt, W. L.
Ewing, D. D.

Fairburn, A. J. B.
Farrar, C. L.
Fife, S. T.
Fish, F. A.
Fishman, S.
Fitzgerald, T. W.
Foltz, L. S.
Foster, E. S.
Fouraker, Leroy L.
Fouraker, R. S.
Frame, Floyd H.
Frazier, R. H.
Fuller, L. F.
Fussell, Lewis

George, Robert B.
Gorham, R. C.
Gounarides, Alex.
Grandy, L. S.
Gus, Charles E.

Hale, R. S.
Hall, Wesley B.
Halligan, Clair W.
Harding, C. F.
Hartig, H. E.
Hehre, Fred W.
Helwig, W. F.
Herald, W. F.
Hershey, A. W.
Hessler, V. P.
Higbie, H. H.
Hill, A. S.
Hinckley, A. D.
Hitchcock, Leon W.
Howard, Paul F.
Hull, R. H.
Humphrey, H. K.
Humphries, P. H.
Hunt, O. D.

Irland, G. A.

Jackson, D. C.
Jackson, D. C., Jr.
Jacobus, D. S.
Jansky, Cyril M.
Jenkins, D. R.
Johnson, Elmer W.
Johnson, F. Ellis
Johnson, J. Hugo
Johnson, W. D.
Jordan, Henry G.
Jorgenson, L. M.

Kaestle, F. L.
Kahn, Louis
Kammerman, J. O.
Kane, Edw. W.
Keller, William A.
Kennelly, A. E.
Kenrick, G. W.
Kent, J. M.
Kerchner, Russell M.
Kimberly, E. E.
King, Morland
Kinney, Edward E.
Kinsloe, Charles L.
Kloeffler, Royce G.
Knight, A. R.
Knight, C. D.
Knipmeyer, C. C.
Knowlton, Archer E.
Koerber, G. A.
Krewatch, A. V.
Kuhlman, J. H.
Kurtz, E. B.

Lanier, A. C.
Laning, W. A.
Lansil, Clifford E.
Lawrence, Ernest F.
Lawrence, R. R.
Laws, F. A.
Lefebvre, Olivier O.
Lincoln, P. M.
Little, Arlington P.
Lloyd, T. C.
Lovell, Alfred H.
Lovett, I. H.

MacKavanagh, T. J.
Marchant, G. B.
Markle, David L.
Markle, E. W.
Mars, Paul A. de
Maxfield, Harold A.
Maylott, C. F.
McClain, F. H.
McIlhenny, I. F.
McNamara, F. T.
McNeely, John K.
Meserve, W. E.
Metzenheim, Henry H.
Miller, Harry P.
Miller, J. B.
Miller, J. S.
Mills, George H.
Moore, Arthur D.
Morecroft, J. H.
Morgan, T. H.
Moss, Sanford A.
Mueller, G. V.
Mulligan, J. E.
Munro, M. S.

Naeter, Albrecht
Nash, C. A.
Newell, Hobart H.
Nims, A. A.
Nissar, A. R.
Norris, Ferris W.
Norris, H. H.

O'Banion, A. L.
Osgood, Farley

Paine, Ellery B.
Palmer, C. C.
Parker, George S.
Patterson, L. L.
Peet, J. C.
Phelon, J. O.
Pierce, C. A.
Poole, F. L.
Porter, Roland G.
Powell, Albert P.
Press, Abraham
Price, Harold W.
Price, John R.
Pritchard, S. R.
Puchstein, A. F.
Pullen, M. W.
Pumphrey, F. H.
Putnam, R. C.

Ramirez, Javier P.
Rappel, U. J.
Reynolds, James A.
Rhodes, Sam R.
Rhodes, Walter K.
Richardson, D. E.
Richardson, G. R.
Ricker, Claire W.
Rittenhouse, L. H.
Robb, Wm. L.
Roberts, Emerson B
Roberts, J. M.
Robinson, G. D.
Robinson, L. T.
Rode, N. F.
Rodman, W. S.
Rollins, E. B.
Rosebrugh, T. R.
Roters, H. C.
Rowell, L. D.
Roys, Carl S.
Rumsey, Paul T.
Rush, H. S.
Russell, Chester
Ryan, H. J.
Ryan, W. T.

Savant, D. P.
Schealer, S. R.
Scott, Charles F.
Sechrist, G. H.
Seeley, W. J.
Seyfert, S. S.
Shaffer, H. A.
Shepardson, J. E.
Sheppard, H. S.
Shorey, Lawrence F.
Slichter, W. I.
Slingerland, Sam.
Smith, H. B.
Smith, Paul C.
Smith, W. L.
Snow, John E.
Sorensen, R. W.
Springer, F. W.
Stavely, Earl B.
Stelzner, W. B.
Stockwell, F. C.
Stout, M. B.
Strom, A. P.
Swenson, G. W.

Tallman, F. H.
Tang, K. Y.
Tappan, F. G.
Teeter, T. A. H.
Terwilliger, C. V. O.
Thaler, J. A.
Thompson, Gordon
Tilghman, Harrison
Timbie, W. H.
Tingley, F. T.
Todd, M. E.
Tompkins, Fred. N.
Towle, N. L.
Tracy, G. F.
Trinkle, Robert J.
Tucker, Carlton E.
Turner, C. A. P.
Turner, H. M.
Tuthill, John K.
Tykociner, J. T.

Upson, W. L.

Waddell, J. A. L.
Wadsworth, F. L. O.
Wallis, C. M.
Walter, Otto W.
Walther, John T.
Warner, Harry O.
Warner, Russell G.
Watson, Arthur E.
Watson, J. W.
Weil, Jos.
Weinbach, M. P.
Weyl, Charles
Whipple, Clyde C.
Wildes, Karl L.
Willis, B. S.
Willson, F. G.
Wilson, A. M.
Winkfield, H. S.
Winkler, E. W.
Witham, R. L.
Woodson, Ashby
Wooster, L. F.
Work, William R.
Wright, D. H.

Zimmer, Albert R.

ENGINEERING DRAWING

Allen, Frank G.

Baldwin, O. J.
Berard, S. J.
Black, H. H.
Boller, S. J.
Bradley, H. C.
Brubaker, Wm. F.

Chillman, E. F.
Cleveland, L. F.
Cooper, C. D.
Coppersmith, C. W.
Crossman, Ralph S.

Eckle, J. N.

Fairbanks, O. W.
Farnham, W. E.
Fenwick, H. H.
Finch, F. R.
Frankland, Ed.
Freeman, M. L.
French, Thos. E.
French, R. W.
Frey, G. J.
Fry, H. P.

Gee, George B.
Gerardi, Jasper
Gleason, George S.
Goodrich, A. L.

Hall, S. G.
Harrington, T. H.
Heacock, Frank A.
Higbee, F. G.
Hoelscher, R. P.
Hood, Geo. J.
Horine, J. S.
Howe, L. B.

Jones, A. S.
Jorgensen, Albert

Kennedy, F. Lowell
Kirby, Richard S.
Kurzweil, A. C.

Landreau, Georges
Leighton, Arthur W.

Mann, Clair V.
Marsh, M. R.
Maxson, George R.
McCully, H. M.
Mitchell, Alva
Mock, C. O.
Morley, G. A.

Nettleton, E. B.
Nielsen, Paul
Ninde, Geo. F.
Nollau, L. E.
Nudd, Willard E.

Orth, H. D.
Otter, J. V.

Perryman, C. C.
Phelps, Guy M.
Poague, R. B.
Porter, F. M.
Potter, O. W.

Richmond, R. F.
Rising, J.
Russ, John M.

Salzer, G. W.
Schumann, Charles H.
Smith, W. G.
Smutz, F. A.
Stone, O. M.
Springer, C. H.
Steward, R. K.
Stewart, Earl H.
Street, W. E.
Strong, A. J.
Svensen, C. L.

Thomas, A. L.
Tobias, A. L.
Townsend, C. E.
Tozer, E. F.

Walker, E. S.
Walker, L. D.
Walsh, F. W.
Warner, F. M.
Wenk, Morris
Williams, Owen E.
Wilson, E. R.

ENGLISH

Bennett, C. R.
Birk, W. Otto
Brackett, R. D.

Creek, H. L.

Davis, H. W.

Files, M. T.

Godfrey, W. P.
Grismer, F. A.

Hall, Amy V.
Hall, H. J.
Harbarger, S. A.
Harrison, T. P.
Howell, A. C.

Johnson, H. P.
Jones, W. P.

Lange, P. J. H.

McDonald, P. B.
McKee, J. H.

Nelson, J. R.
Newman, C. M.

Park, C. W.
Pearson, H. G.

Raymond, F. N.
Raymond, W. R.

Scamman, W. F.
Schone, F. P.
Seaver, H. L.
Seavey, F. E.
Smith, J. W.
Starbuck, Arward
Steele, R. R.
Summey, George
Sypherd, W. O.

Thompson, K. O.

Vaughan, J. L.

Whittemore, J. S.

FOREIGN LANGUAGES

Crenshaw, J. B.

Frey, Emil

Greiner, O. A.

Swanbeck, S. E.

INDUSTRIAL ENGINEERING

Ayars, W. S.

Bagley, J. B.
Baker, Ray P.
Barnes, R. M.
Billmyer, C. D.
Brill, P. B.
Bullinger, C. E.
Burley, J. W.
Buxton, G. F.

Follows, G. H.
Furia, J. J.

Hallock, J. W.
Hart, S. T.
Hastings, H. B.
Hatfield, H. D.
Hockema, F. C.

Ingalls, J. W.

Lee, M. A.
Lehoczky, P. N.
Lytle, C. W.

Maclin, E. S.
McDaniel, J. E.
McJoynt, T. L.

Norton, P. T.

Porter, D. B.

Reeves, E. H.
Rexion, Alex.
Rickly, O. D.
Rittman, W. F.
Roe, J. W.

Scott, L. C.
Scrimshaw, Stewart
Shepard, G. H.
Smith, E. D.
Swope, A.

Thuesen, H. G.
Towle, W. M.

Wald, Arthur

Younger, John

MACHINE DESIGN

Archibald, Leon
Ault, E. S.
Autenrieth, G. C.

Bartlett, G. M.
Branigan, G. F.
Brattin, C. L.

Caywood, T. G.
Challender, R. T.

Dale, R. B.
Dunham, Heber
Durland, M. A.

Eggers, H. C. T.
Egry, C. Robert
Eldmann, F. L.

Field, L. N.
Fullan, M. T.

Gee, G. B.
Gill, J. H.
Gleason, G. S.
Gray, H. C.
Grow, G. W.

Halliday, W. R.
Hayes, L. D.
Huacuja, F.
Hylan, P. H.

Immediato, G.

Jett, C. C.

Kirchner, W. H.
Klugh, W. W.

Langille, H. B.
Lee, F. H.
Lott, S. H.

Martenis, J. V. S.
Mayrose, H. E.
Miller, H. W.
Mitchell, Alva
Moffat, G. N.
Myers, H. D.

Navas, J. M.
Norman, C. A.

Peddle, J. B.
Perry, R. V.
Puerner, R. E.

Robert, J. M.
Rossmassler, Carl

Sahag, L. M.
Schuck, R. F.
Slaymaker, P. K.
Stewart, E. H.

Watts, E. F.
White, B. S.
Winston, S. E.

MATHEMATICS

Ashton, C. H.

Barker, C. L.
Beale, F. S.
Berry, W. J.
Berthet, Chas.
Brandberry, J. B.
Brenke, W. C.
Brooke, W. E.
Brown, E. C.
Butterfield, A. D.

Church, Earl
Comstock, C. E.
Corbin, C. E.
Cowles, W. H. H.
Crockett, C. W.

Dalaker, H. H.
Davis, E. P.

Denton, W. W.
Dix, L. E.
Dostal, B. F.
Drummond, G. B.

Erskine, Harry

Fisher, James
Flowers, R. L.

Gay, H. J.

Hanna, U. S.
Hansen, A. S.
Harter, G. A.
Hatch, D. A.
Hazard, C. T.
Hedrick, E. R.
Hertzler, E. A.
Hobbs, A. W.
Holder, F. J.
Hopkins, L. A.
Hunt, G. H.
Huntington, E. V.
Hutchinson, C. A.
Hyde, Emma

Jordan, H. E.
Jurdak, M.
Justin, E. M.

Keenan, E. C.
Kersten, H. J.
Kiefer, E. C.
Krathwohl, W. C.

Leonard, H. B.
Lindsay, F. B.
Lyons, W. H.

MacDonald, S. L.
March, H. W.
Marshall, Wm.
McClintock, W. M.
Miles, E. J.
Morley, R. K.
Murray, D. A.

Nelson, W. K.

O'Shaughnessy, L.
Owens, F. W.
Owens, H. D.

Palmer, C. I.
Pehrson, E. W.
Plant, L. C.
Purdie, K. S.

Remick, B. L.
Reynolds, J. B.
Rice, Harris
Richardson, M. R.
Rietz, H. L.
Risley, W. J.
Root, R. E.
Rose, F. O.
Rossell, H. E.
Running, T. R.

Scherberg, Max
Siler, R. W.
Simester, J. H.
Slobin, H. L.
Spear, Jos.
Swartzel, K. D.

Taylor, W. E.
Thomas, C. F.
Thomas, R. G.
Thompson, J. E.
Tolar, M. B.

Van Buskirk, H. C.
Vance, B. B.

Watts, C. W.
Weaver, J. H.
Weida, F. M.
Weinberg, E. F.
Wells, E. D.
Wilbur, W. E.

MECHANICAL ENGINEERING

Abell, A. C.
Alexander, W. T.
Allen, A. C.
Amidon, L. L.
Anderson, E.
Anderson, H. J.
Anderson, Robert M.
Anthony, R. L.
Archibald, Frank
Aulich, W. M.

Baender, F. G.
Bailey, N. P.
Baker, Douglas
Baker, Ellis C.
Barba, C. E.
Barclay, S. D.
Barnard, W. N.
Bateman, George F.
Bauer, F. S.
Bauer, Paul
Bavly, D. M.
Beitler, Samuel R.
Berger, Franz A.
Berry, C. H.
Berry, Charles W.
Bigelow, R. G.
Billings, J. Harland
Blackburn, H. W.
Blake, Douglas
Bliss, William D.
Blumberg, Leo
Boggs, R. W.
Bourke, Norman
Bowman, H. T.
Brainard, Boyd B.
Breckenridge, L. P.
Brewer, A. V.
Bridge, L. R.
Brooks, J. Ansel
Brown, A. I.
Brown, Ralph E.
Bruckner, Arthur
Brunton, L. J.
Buchanan, J. E.
Bucher, Paul
Bunting, A. E.
Burpee, F. B.
Bursley, J. A.
Butterfield, Thomas E.
Calderwood, Jas. P.
Cameron, Hugh
Camp, E. W.
Campbell, R. D.
Candee, F. W.
Carpenter, Edward L.
Carvin, Frank D.
Chiles, George S.
Christie, A. G.
Church, Edwin F.
Cleghorn, M. P.
Clouse, J. H.
Coahran, J. M.
Cole, Arthur W.
Cooke, Morris L.
Cottrell, Samuel
Coyle, J. L.
Craig, Dudley P.
Crain, L. D.
Crawford, Charles W.
Creighton, W. H. P.
Crofoot, George E.
Cushman, P. A.

Dana, W. J.
Daugherty, Robert L.
Davidson, M. W.
Davis, David E.
DeBaufre, Wm. L.
Dent, J. A.
Denton, F. W.
Devine, J. J.
Dirks, Henry B.
Dixon, Solon
Doll, Alfred W.
Domonoske, Arthur B.
Donovan, E. T.
Doolittle, J. S.
Dorrans, J. M.
Doughtie, V. L.
Dudley, Samuel W.
Dunkin, William V.
DuPriest, John R.
Durand, W. F.

Eckhardt, C. J.
Edwards, Oliver C.
Edwards, W. W.
Egilsrud, F. S.
Ekstrand, K. H.
Elizondo, Y. A.
Ellenwood, F. O.
Elliott, Ben. G.
Ellis, W. T.
Ely, S. B.
Emswiler, J. E.
Endsley, L. E.
Ernst, G. C.
Estep, Thos. G.
Everett, H. A.
Eyre, T. T.

Fabel, D. C.
Faires, Virgil M.
Fairfield, John G.
Farris, Marshall E.
Fernald, E. M.
Fernow, B. E.
Ferretti, Alfred J.
Fessenden, Charles H.
Fessenden, E. A.
Fielding, John

Fillmore, H. W.
Finnegan, Jos. B.
Fitts, Raymond U.
Fitzgerald, J. W.
Flagg, Ray.
Flodin, John
Frank, E. D. A.
Fulton, W. T.

Gaines, Benjamin F.
Gallalee, J. M.
Garman, Warren D.
Gaum, C. G.
Gauss, Henry F.
Gavett, Jos. W.
Gebhardt, G. F.
Geiger, John W.
Getchell, E. L.
Grant, Edward
Green, Boynton M.
Gregory, W. B.
Griffin, Fred S.
Groat, B. F.
Grone, Edward A.
Gulick, Lee N.
Gummere, H. V.
Gwiazdowski, A. P.

Hafford, W. B.
Hall, Burrill R.
Hall, James A.
Haney, J. W.
Hansen, E. T.
Hardgrave, H. J.
Harlan, Orlan K.
Harper, A. C.
Harris, Harry E.
Hay, Earl D.
Hazeltine, L. A.
Head, Carl
Heck, Robert C. H.
Henderson, Charles
Henshaw, C. N.
Herrington, John A.
Hesse, H. C.
Hixon, C. R.
Hobbs, George W.
Hoefer, E. G.
Hofmann, G. A.
Holland, U. C.
Hosted, E. G.
Hostetter, H. C.
Hotchkiss, C. H. B.
Howard, D.
Howell, R. S.
Hughes, George G.
Hughes, T. P.
Hunter, J. A.
Hunter, J. W.
Huntly, P. C.
Husted, H. F.

Jablow, Charles
Jacklin, H. M.
James, Walter H.
Jensen, G. L.
Joerger, C. A.
Johnson, J. S. A.
Jones, J. B.
Judd, Horace

Kavanaugh, Dennis
Kavanaugh, W. H.
Keator, F. W.
Keeler, Hugh E.
Keller, George J
Keller, John F.
Kemler, Emory
Kenerson, W. H.
Kent, B. C.
Kent, Clarence H.
Kiefer, P. J.
Kilpatrick, A. V.
King, G. C.
King, R. S.
Klein, A. W.
Knapp, W. A.
Knight, W. A.
Knowles, M. G.
Koepke, C. A.
Kolb, R. P.
Kopp, Chas. F.
Kunkle, G. M.

Lambertine, J. A.
Landreth, Olin H.
Larkin, F. V.
Larson, C. W.
Larson, G. L.
Laton, T. J.
LeConte, J. N.
Leonard, C. M.
Le Page, C. B.
Leutwiler, O. A.
Lewis, J. F.
Lichty, L. C.
Light, J. J.
Lindell, W. F.
Lloyd, Harold R.
Lockwood, H. J.
Lucarini, G. B.
Lucke, C. E.
Ludy, L. V.
Luebs, August A.
Lund, Jacob
Lyon, D. R.

Macconochie, A. F.
MacCullough, G. H.
Mack, A. J.
MacLean, Edward A.
MacNaughton, Edgar
Magruder, Wm. T.
Maleev, V. L.
Marks, L. S.
Marquis, F. W.
Martin, W. H.
Mason, H. Lea
Mason, H. W.
Mathews, R. T.
McCarter, W. W.
McKeeman, C. A.
McKergow, C. M.
McKinnon, J. C.
Meeker, W. H.
Mehrhof, F. E.
Merrick, C. M.
Messersmith, C. W.
Ming, Fred W.
Mitchell, G. I.
Moody, L. F.
Moore, E. R.
Morrill, J. B.
Morse, F. T.
Morse, J. L.
Morton, R. W.
Moss, Lincoln D.
Moyer, E. J.
Mudge, S. W.
Munro, R. J.
Murrie, J. L.

Nelson, D. W.
Newton, Guy D.
Nicholas, John E.
Norton, A. E.

O'Bannon, L. S.
O'Brien, A. V.
Ohle, E. L.
Olson, O. A.

Palmer, H. K.
Park, C. F.
Parker, Eri B.
Peebles, J. C.
Pence, W. D.
Perkins, D. L.
Philbrick, H. S.
Phillips, M. C.
Porter, R. H.
Pound, J. H.
Prageman, I. H.
Prime, A. C.
Prior, John A.

Quier, K. E.

Raber, B. F.
Randolph, James R.
Raub, J. W.
Reed, J. C.
Reed, K. W.
Reuling, W. E.
Roberts, C. P.
Robertson, B. J.
Roesch, Daniel
Roemmele, H. F.
Ross, John A.
Rowley, F. B.
Roys, Francis W.
Rubenkoenig, Harry

Salma, E. A.
Sauers, John A.
Schmidt, E. C.
Schmidt, H. P.
Schrader, H. J.
Schroeder, W.
Schwartz, F. L.
Schweizer, Paul E.
Scofield, H. H.
Sellman, H. D.
Selvidge, R. W.
Setchell, Horace E.
Setchell, J. E.
Seward, H. L.
Shenk, D. H.
Shoop, C. F.
Shoudy, W. A.
Singer, F. L.
Sink, R. S.
Sjogren, C. A.
Sloane, Alvin
Sluss, A. H.
Smith, Earl B.
Smith, Ralph A.

Solberg, H. L.
Sparrow, T. A.
Spooner, H. J.
Stearns, Fred A.
Stetson, George A.
Stevens, W. J.
Stewart, F. C.
Stewart, F. R.
Stinson, K. W.
Stolworthy, E. H.
Stuart, M. C.
Summers, R. E.
Sussdorf, E. L.
Sweetser, W. J.
Sweigert, R. L.

Taft, Theo. H.
Tait, R. S.
Taylor, A. L.
Thatcher, C. G.
Thornburg, M. L.
Thurston, E. D.
Tracy, S. J.
Trinks, W.
Trosper, Ralph
Trotter, R. A.
Turnbull, W. F.
Tuve, Geo. L.

Upp, C. R.

Vallance, Alex
Van Dyke, J. R.
Vaughan, L. L.
Vedder, J. N.
Vose, F. H.

Walthers, H. V.
Washington, L.
Waters, E. O.
Watson, Harry D.
Weiland, W. F.
Wharton, J. R.
Willard, A. C.
Willey, E. C.
Willis, P. A.
Willmarth, E. H.
Wilson, B. J.
Wilson, G. C.
Wilson, G. S.
Wilson, L. A.
Wingren, R. M.
Winslow, A. M.
Wischmeyer, Carl
Wohlenberg, W. J.
Wood, A. J.
Woods, B. M.
Wright, M. B.

Yates, V. R.
Young, E. G.
Young, G. A.

Zarobsky, I. F.
Zeller, J. W.

MECHANICS AND MATERIALS

Bliss, Z. R.
Boomsliter, G. P.
Booth, J. L.
Boyd, J. E.
Brown, F. L.
Bryans, W. R.
Bullard, J. A.

Chambers, S. D.
Cheek, F. J., Jr.
Churchill, H. D.
Clark, E. C.
Clark, L. W.
Coddington, E. F.
Comstock, E. H.
Conley, W. J.
Cornell, W. R.
Cox, W. J.
Curtis, D. D.
Cutshall, C. S.

Dana, F. C.
Danforth, R. H.
Dawley, E. R.
DeFoe, L. M.
Dietrich, J. J.
Draffin, J. O.
Duff, C. M.
Dukes, R. G.
Dyble, J. H.

Emerson, W. D.
Enger, M. L.
Ensign, N. E.
Ericksen, E. L.

Fairman, Seibert
Folk, S. B.
Frocht, M. M.
Fuller, C. E.

Garrett, S. S.
George, S. G.
Girvin, H. F.

Hartwich, F. C.
Hawkins, G. A.
Herrick, C. A.
Hinrichs, F. W.
Hoffman, J. D.
Holmes, F. E.
Howell, E. V.
Hudson, R. C.

Johnson, J. R.
Johnston, W. A.
Jones, F. E.

Kingman, E. D.
Koenitzer, L. H.
Kommers, J. B.

Laurson, P. G.
Leigh, C. W.

Maurer, E. R.
Mavis, F. T.
Merry, M. H.
Miller, F. E.
Moore, H. F.

Olmstead, C. T.
Othus, J. C.
Ott, P. W.

Palmer, J. C.
Paul, C. E.
Pearce, C. E.
Pickett, Gerald
Poorman, A. P.
Powell, R. W.
Priester, G. C.

Rettger, E. W.
Riggs, N. C.
Roark, R. J.
Robert, J. H.

Sanders, W. B.
Sayre, M. F.
Scholer, C. H.
Seely, F. B.
Spieth, Benj.
Straub, L. G.
Swinton, R. S.

Taylor, Edw.
Thomas, Evan
Tilden, C. J.
Timoshenko, S.
Tucker, Leroy
Turner, W. P.

Van den Brock, J. A.

Wendt, K. F.
Wiepking, C. A.
Withey, M. O.
Wood, E. H.
Wood, K. D.
Woodward, S. M.
Wunderlee, J. L.

METALLURGY

Barlow, W. E.
Boylston, H. M.

Carpenter, A. H.
Crouse, C. S.

Demorest, D. J.

Francis, C. W.

Goodale, S. L.
Gow, A. M.

Harder, O. E.

Kern, E. F.
Kinney, E. D.

Lyon, Dorsey A.

Manderfield, N. H.
Mathewson, C. H.

Palmer, H. A.

Sellers, G. A.
Stansfield, Alfred
Stoughton, Bradley

Warren, S. P.

MINING AND GEOLOGY

Black, R. M.
Burt, E. A.

Callan, A. C.

Dake, C. L.
Daniels, Joseph
Dyer, F. C.

Ehle, Mark

Graton, L. C.
Grider, R. L.
Guiteras, J. R.

Haultain, H. E. T.

Jenkin, Anthony
Jones, J. C.

Lewis, R. S.
Locke, C. E.

MacDougall, C. W.
McBride, W. G.
McCaughey, W. J.
McLaughlin, D. H.
Miller, B. L.
Munroe, H. S.

Nicholson, H. P.
Nold, H. E.

O'Rourke, E. V.

Parker, W. H.
Plank, W. B.

Serviss, F. L.

Underhill, James

Wagner, H. A.
Warner, R. K.

Young, C. M.

PHYSICS

Abbott, R. B.
Atkinson, A. A.

Ball, Albert
Bennett, D. M.
Bidwell, C. C.
Blake, F. C.
Bliss, H. H.
Bordner, E. R.
Bowersox, E. R.
Brightman, C. L.
Bro. Felix
Brown, F. L.
Brown, S. L.
Brown, W. F.

Charles, R. L.
Cooper, F. L.

Dahstedt, R. T.
Drisko, W. J.
Duff, A. M.
Dysart, P. M.

Elliott, D. S.
Entwisle, F. N.
Farnham, F. C.
Ferry, E. S.
Fraim, P. B.
Fry, H. M.

Grandy, M. B.
Grantham, G. E.

Hall, V. B.
Hamilton, J. O.
Hatch, F. M.
Hausmann, Erich
Hedrick, W. A.
Heflin, S. M.
Hodge, Percy
Hower, H. S.
Howitt, Nathan

Knipp, C. T.
Kovarik, A. F.

Lambe, E. P.

MacNutt, Barry
Mallory, Francis
McMurtray, H. D.
Merritt, H. W.
Miller, D. C.
Muncy, V. E.

Norton, C. L.
Nyswander, R. E.

Pegram, G. B.
Perry, W. S.
Piper, F. F.
Porter, R. A.
Pupin, M. I.

Raub, L. G.
Rayl, F. V.

Severinghaus, W. L.
Sherman, G. W.
Silvey, O. W.
Slack, E. P.
Slack, F. G.
Smith, A. W.
Smith, T. T.
Spinney, L. B.
St. Peter, W. N.
Stempel, W. M.
Stewart, G. W.
Stewart, O. M.
Swaim, V. F.

Taylor, F. D.
Thomas, R. P.

Wade, F. H.
Watson, C. G.
Weaver, R. C.
Wheeler, N. E.
White, M. W.
Wilcox, G. M.
Woodrow, J. W.
Wright, W. R.

Young, L. H.

PSYCHOLOGY

Charters, W. W.

Findley, W. G.

Jackson, J. P.

Peterson, J. E.

Shaw, E. A.

Walters, J. E.

SANITARY ENGINEERING

Babbitt, Harold E.
Boyce, Earnest

Dawson, F. M.
Decker, A. J.

Fair, G. M.

Lafreniere, T. J.

Mead, D. W.

Saville, Thorndike
Sette, F. J.
Steel, E. W.

Talbot, A. N.

Walker, C. L.
Walker, E. D.
Waterman, E. L.
Wiley, R. B.

SHOP AND MECHANIC ARTS

Bean, H. E.
Boston, Orlan W.
Burley, J. W.

Carlson, W. W.
Copley, J. O.

Graham, E. C.

Isenberg, D. A.

Jones, C. B.
Jones, E. C.

Lindley, R. W.

Shane, Adolph
Starr, C. J.
Steele, J. N.

Thomas, F. H.
Thomson, W. H.
Trueblood, R. B.

Van Gaasbeek, R. M.

Wendt, R. E.

OCCUPATIONAL DISTRIBUTION OF MEMBERSHIP.

Administrative	Educational	269
	Industrial	130
Aeronautics		9
Agricultural Engineering		19
Architecture		17
Ceramics		4
Chemical Engineering		36
Chemistry		30
Civil Engineering		381
Economics		12
Electrical Engineering		320
Engineering Drawing		86
English		36
Foreign Language		4
Industrial Engineering		39
Machine Design		52
Mathematics		93
Mechanical Engineering		392
Mechanics and Materials		95
Metallurgy		19
Mining and Geology		31
Physics		79
Psychology		6
Sanitary Engineering		15
Shop and Mechanic Arts		18
Total		2192

SUMMER SCHOOLS FOR ENGINEERING TEACHERS.

HARRY P. HAMMOND, *Director.*

1927—Engineering Mechanics, Cornell University, and University of Wisconsin.

1928—Electrical Engineering, University of Pittsburgh, and Westinghouse E. & M. Company,

and

Physics, Massachusetts Institute of Technology.

1929—Mechanical Engineering, Purdue University.

1930—Civil Engineering, Yale University,

and

Engineering Drawing and Descriptive Geometry, Carnegie Institute of Technology.

1931—Chemical Engineering, University of Michigan,

and

Mathematics, University of Minnesota.

CONSTITUTION.

ARTICLE I.

Name and Objects.

1. The name of this organization shall be the Society for the Promotion of Engineering Education.

2. The objects of this Society shall be the promotion of the highest ideals in the conduct of engineering education with respect to administration, curriculum, and teaching work, and the maintenance of a high professional standard among its members. The means to this end shall include educational research, the holding of meetings for the reading and the discussion of professional papers, and the publication of papers, discussions, and communications as may seem expedient.

ARTICLE II.

Membership.

Membership in the Society shall be of two general classes, Institutional and Individual.

Institutional members shall be educational institutions giving instruction in engineering. They shall be represented at all meetings of the Society or its divisions by regularly appointed delegates, one for each institutional member concerned.

Individual membership shall be of two classes, Active and Honorary. It shall comprise those persons who occupy or have occupied responsible positions in the work of engineering instruction, engineering practitioners, and other persons interested in engineering education.

Honorary members of the Society shall be such persons as may be recommended by unanimous vote of the Council in a letter ballot to be taken by the Secretary on the recommendation of twenty members of the Society in the manner provided hereinafter for proposals for individual members. Councilors not heard from within one month from the date of mailing the ballots will be counted in favor of the candidate. Honorary members shall not have the right to vote, shall not be eligible to office, and shall not be required to pay any fees or dues.

A member in good standing may become a life member, exempt from all future payments for dues, by a single payment of an amount equal to twenty times the annual dues. Such payments received by the Society shall be placed in a separate fund known as the Life Membership Fund. The interest earned on this fund shall be used as current income.

Individual members who have been in good standing for twenty-five years, or more, and have retired from active professional life, or who have reached the age of 65 years, may be designated life members by a vote of the Council. Such members shall be exempt from the payment of dues thereafter.

The name of each candidate for active individual membership shall be proposed in writing to the Secretary by two members by whom the candidate is personally known. The proposal shall state the qualifications on which it is based. The name of a candidate for institutional membership shall be proposed by any member familiar with the work of the institution, on receipt of an application signed by a responsible officer thereof. An affirmative letter ballot of three-fourths of those members of the Council whose votes reach the Secretary within one month from the time of sending out the name of the candidate shall elect. Such letter ballot elections, occurring before February 1, shall be credited to the previous annual meeting and dues shall date from that time; elections occurring after February 1 shall be credited to the next annual meeting and the dues for the remainder of the year shall be one-half the annual dues.

ARTICLE III.

Dues.

1. There shall be no admission fee.

2. The annual dues shall be as stated in the By-Laws.

3. Dues are payable in advance at the time of the annual convention, and become delinquent at the end of the fiscal year for which they are assessed. Dues of new members are payable at the time of election, and become delinquent at the end of the fiscal year within which the members are elected.

4. Members in arrears one year shall be retained on the roll of the Society, but shall not receive publications until such time as all arrearages are paid. Members in arrears two years, and who have been duly notified by the Secretary, shall be dropped from the roll of the Society until such arrearages are paid. The Secretary shall notify all members in arrears one month previous to the close of the fiscal year. The fiscal year shall terminate on the thirtieth day of June.

ARTICLE IV.

Officers.

There shall be a President, two Vice-Presidents, a Secretary, and a Treasurer.

ARTICLE V.

Council.

1. The Council of the Society shall consist of twenty-one elective members, one third of whom shall retire annually, and the officers and the past presidents of the Society.

2. Any individual member of the Society shall be eligible to election to the Council, provided that not more than one elective member shall be from the faculty of any one institution.

ARTICLE VI.

Election of Officers and Members of the Council.

1. The officers and one third of the elective members of the Council shall be elected from the individual membership by ballot of the Society at the annual meeting.

2. There shall be a Nominating Committee consisting of the past presidents and the seven elective members of the Council retiring the following year, provided, however, that if, of this committee, the number in attendance at any meeting be less than five, the President shall make appointments so as to form a committee of five. The Committee shall report to the Society, at the business session provided therefor in the program, nominees for offices for the ensuing year, and for councilors for three years, and for less periods to fill vacancies that may occur.

ARTICLE VII.

Sections, Branches and Divisions.

1. A Section of the Society may be formed by members in two or more institutions, or by the members within a prescribed territory. A Section may be formed in any locality by a temporary organization which shall become a duly authorized section of the Society upon the approval of the Council. Sections may determine their own form of organization, but shall operate in conformity with the Constitution and the By-Laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Sections shall be self-sustaining.

2. A Branch may be formed in any institution by a temporary organization which shall become a duly authorized Branch of the Society upon approval by the Executive Committee. Branches may determine their own form of organization, but shall operate in conformity with the Constitution and the By-Laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Branches shall be self-sustaining.

Branches may coöperate with, or be a part of, other organizations having the same general purposes as this Society. The general purpose of Branches is to extend the interest in, and the discussion of, questions relating to the teaching of engineering students and to bring to the Society at large, through its publications, the activities in all institutions that will be serviceable to the members of the Society.

3. Papers and discussions presented before Sections or Branches shall be the property of the Society and may be published as Society proceedings if authorized by the Publication Committee. Permission to publish elsewhere may be granted by the Council on condition that the Society receives proper credit.

4. When approved by the Council, Divisions may be formed by any group of members for the consideration of questions which relate particularly to that group.

ARTICLE VIII.

Meetings.

There shall be at least one annual meeting at such time and place as the Society at the preceding meeting, or the Council, if the Society does not act, may determine. There shall be sectional and branch meetings as the members of the different sections and branches may determine.

ARTICLE IX.

Publications.

1. The formal publications of the Society shall be a monthly journal to be published from September to June, inclusive, and a year book. The *Journal* shall contain the proceedings of the annual convention, and such other pertinent papers as may be submitted to, and approved by, the Publication Committee. A bound volume of the *Journal* for each current year shall constitute the *Proceedings* of the Society.

2. Each individual member, not in arrears, shall receive the *Journal*. Each institutional member shall be furnished with two copies of the *Journal* and two copies of the *Proceedings* of the Society.

Volumes of the *Proceedings* will be sold to members who subscribe for them at a cost to be determined each year by the Executive Committee. Subscriptions for the *Proceedings* must be received in advance by the Secretary on or before October 15 of each academic year.

ARTICLE X.

Amendments.

This Constitution may be amended by a two thirds vote of those present at any regular meeting of the Society, provided that all members have been notified of the proposed amendment by notices mailed from

the Secretary's office at least 30 days prior to the regular meeting at which action is had, and provided that the amendment shall have been approved by the Council by a two thirds vote of the members voting by letter or voice.

BY-LAWS OF THE SOCIETY AND RULES GOVERNING THE COUNCIL.

First. The officers of the Society shall constitute a committee to arrange for the annual meeting and to prepare a program for it.

Second. The President, the Secretary, and the Treasurer shall constitute an Executive Committee which shall have charge of all matters relating to the expenditure of money of the Society, the making of appropriations to committees and for other purposes, the making of contracts, the approval of bills, and also during the period between the meetings of the Council shall have charge of other business affairs of the Society.

Third. Expenditures of money may be made only in accordance with a definite appropriation or by direct vote of the Executive Committee.

Fourth. The annual dues shall be $5.00 for individual members, and $15.00 for institutional members.

Fifth. Reading of papers shall be limited to fifteen minutes each, or to such other time as may be designated by the Program Committee, and abstracts of papers of about three hundred words shall be printed when practicable, and distributed in advance to the members.

Sixth. The time occupied by each person in the extemporaneous discussion of any paper shall not exceed five minutes.

Seventh. The President, the Secretary, and the retiring president shall constitute a Publication Committee, of which the Secretary shall be chairman, to edit and to have charge of the publication of the monthly *Journal*.

Eighth. The subscription price of the *Journal* shall be three dollars per year, payable in advance.

Ninth. Additions or amendments may be made to these By-Laws at any regular meeting of the Society by a two thirds affirmative vote of the membership present at the business session, provided that the additions or amendments shall have been approved by a two thirds affirmative vote of the Council membership in attendance at the meeting, and shall have been recommended by that body for adoption.

PAST OFFICERS

Special Committee for Division E, Engineering Education, World's Engineering Congress, 1893.

IRA O. BAKER,* Chairman, HENRY T. EDDY,* Vice-Chairman,
WM. R. HOAG, Secretary, C. FRANK ALLEN, Sec'y, *pro tem.*,
MORTIMER E. COOLEY, SAMUEL W. STRATTON,
STORM BULL.*

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DE VOLSON WOOD,* 1893–4, WM. G. RAYMOND,* 1911–12,
GEORGE F. SWAIN, 1894–5, WM. T. MAGRUDER, 1912–13,
M. MERRIMAN,* 1895–6, G. C. ANTHONY, 1913–14,
HENRY T. EDDY,* 1896–7, ANSON MARSTON, 1914–15,
JOHN B. JOHNSON,* 1897–8, HENRY S. JACOBY, 1915–16,
T. C. MENDENHALL,* 1898–9, GEORGE R. CHATBURN, 1916–17,
IRA O. BAKER,* 1899–1900, MILO S. KETCHUM, 1917–18,
FRANK O. MARVIN,* 1900–1, JOHN F. HAYFORD,* 1918–19,
ROBERT FLETCHER, 1901–2, A. M. GREENE, JR., 1919–20,
CALVIN M. WOODWARD,* 1902–3, MORTIMER E. COOLEY, 1920–21,
C. FRANK ALLEN, 1903–4, C. F. SCOTT, 1921–22, 1922–23,
FRED W. McNAIR,* 1904–5, P. F. WALKER,* 1923–24,
CHARLES L. CRANDALL,* 1905–6, A. A. POTTER, 1924–25,
DUGALD C. JACKSON, 1906–7, G. B. PEGRAM, 1925–26,
CHARLES S. HOWE, 1907–8, O. M. LELAND, 1926–27,
FRED. E. TURNEAURE, 1908–9, R. L. SACKETT, 1927–28,
HENRY S. MUNROE, 1909–10, D. S. KIMBALL, 1928–29,
ARTHUR N. TALBOT, 1910–11, R. I. REES, 1929–30.

VICE-PRESIDENTS

SAMUEL B. CHRISTY,* GEORGE F. SWAIN, 1893–4,
ROBERT H. THURSTON,* FRANK O. MARVIN,* 1894–5,
FRANK O. MARVIN,* CADY STALEY, 1895–6,
JOHN GALBRAITH,* JOHN M. ORDWAY, 1896–7,
THOMAS C. MENDENHALL,* HARRY W. TYLER, 1897–8,
C. FRANK ALLEN, HENRY W. SPANGLER,* 1898–9,
ROBERT FLETCHER, CHARLES D. MARX, 1899–1900,
THOMAS GRAY,* ALBERT KINGSBURY, 1900–1,
STORM BULL,* CALVIN M. WOODWARD,* 1901–2,
JOHN J. FLATHER,* FRED W. McNAIR,* 1902–3,

* Deceased.

CHARLES L. CRANDALL,* JAMES C. NAGLE, 1903–4,
CLEMENT R. JONES, ELWOOD MEAD, 1904–5,
WILLIAM T. MAGRUDER, JOHN P. JACKSON, 1905–6,
R. C. CARPENTER, CHARLES S. HOWE, 1906–7,
CLARENCE A. WALDO, WILLIAM G. RAYMOND,* 1907–8,
MORTIMER E. COOLEY, OLIN H. LANDRETH, 1908–9,
ARTHUR N. TALBOT, ARTHUR L. WILLISTON, 1909–10,
MILO S. KETCHUM, WILLIAM KENT, 1910–11,
G. C. ANTHONY, F. B. GILBRETH,* 1911–12,
L. S. MARKS, F. W. SPERR,* 1912–13.
H. S. JACOBY, D. C. HUMPHREYS, 1913–14,
H. H. NORRIS, C. RUSS RICHARDS, 1914–15,
G. R. CHATBURN, F. H. CONSTANT, 1915–16,
HOLLIS GODFREY, WM. M. THORNTON, 1916–17,
JOHN F. HAYFORD,* IRA N. HOLLIS, 1917–18,
JOHN T. FAIG, E. R. MAURER, 1918–19,
A. A. POTTER, F. P. McKIBBEN, 1919–20,
T. U. TAYLOR, H. S. EVANS, 1920–21,
H. J. HUGHES,* E. J. McCAUSTLAND, 1921–22,
D. S. KIMBALL, F. G. HIGBEE, 1922–23,
H. S. BOARDMAN, O. J. FERGUSON, 1923–24,
R. S. KING, G. B. PEGRAM, 1924–25,
H. V. CARPENTER, F. P. McKIBBEN, 1925–26,
H. W. TYLER, W. S. RODMAN, 1926–27,
C. E. MAGNUSSON, THOS. E. FRENCH, 1927–28,
C. C. WILLIAMS, G. M. BRAUNE, 1928–29,
E. A. HITCHCOCK, ED. BENNETT, 1929–30.

TREASURERS

STORM BULL,* 1893–5, ARTHUR N. TALBOT, 1902–4,
JOHN J. FLATHER,* 1895–9, FRED. P. SPALDING,* 1904–6,
CLARENCE A. WALDO, 1899–1902, ANSON MARSTON, 1906–7,
W. O. WILEY, 1907–.

SECRETARIES

JOHN B. JOHNSON,* 1893–5, CLARENCE A. WALDO, 1902–4,
C. FRANK ALLEN, 1895–7, MILO S. KETCHUM, 1904–6,
ALBERT KINGSBURY, 1897–9, WILLIAM T. MAGRUDER, 1906–7,
EDGAR MARBURG,* 1899–1900, ARTHUR L. WILLISTON, 1907–9,
HENRY S. JACOBY, 1900–2, HENRY H. NORRIS, 1909–14,
F. L. BISHOP, 1914–.

ASSISTANT SECRETARIES

L. H. HARRIS,* 1914–8,
NELL McKENRY, 1918–.

* Deceased.

ELECTIVE MEMBERS OF PREVIOUS COUNCILS.

Terms of Office Expired in 1894.

M. E. Cooley, H. T. Eddy, W. F. M. Goss,
W. R. Hoag, S. W. Robinson,* H. W. Spangler.
R. H. Thurston.*

Terms of Office Expired in 1895.

H. T. Bovey,* W. H. Burr, O. H. Landreth,
Mansfield Merriman,* W. G. Raymond,* G. F. Swain,
De Volson Wood.*

Terms of Office Expired in 1896.

I. O. Baker,* Storm Bull,* S. B. Christy,*
John Galbraith,* J. B. Johnson,* F. O. Marvin,*
C. D. Marx.

Terms of Office Expired in 1897.

H. T. Eddy,* J. J. Flather,* J. P. Jackson,
Albert Kingsbury, L. S. Randolph, S. W. Robinson,*
R. H. Thurston.*

Terms of Office Expired in 1898.

C. F. Allen, C. L. Mees, Mansfield Merriman,*
J. M. Ordway, W. G. Raymond,* Cady Staley,
R. S. Woodward.*

Terms of Office Expired in 1899.

Arthur Beardsley, Robert Fletcher, John Galbraith,*
William Kent,* T. C. Mendenhall,* W. H. Schuerman,
M. E. Wadsworth.*

Terms of Office Expired in 1900.

Storm Bull,* L. G. Carpenter, Albert Kingsbury,
F. O. Marvin, R. B. Owens, R. L. Sackett,
R. H. Thurston.*

Terms of Office Expired in 1901.

T. N. Drown,* M. A. Howe, I. N. Hollis,
Gaetano Lanza, P. C. Ricketts, R. G. Thomas,
C. M. Woodward,

Terms of Office Expired in 1902.

Brown Ayres, G. W. Bissell, J. J. Flather,*
W. T. Magruder, F. W. McNair,* J. M. Porter,
A. J. Wood.

Terms of Office Expired in 1903.

C. F. Allen, D. C. Jackson, N. C. Ricker,
J. P. Brooks, Edgar Marburg,* A. L. Williston,
J. C. Nagle.

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* Deceased.

Terms of Office Expired in 1904.

W. F. M. Goss, Thomas Gray,* D. C. Humphreys,
O. H. Landreth, W. G. Raymond,* L. E. Reber,
L. S. Randolph.

Terms of Office Expired in 1905.

Wm. Esty,* L. J. Johnson, W. M. Towle,
H. S. Jacoby, Elwood Mead, J. L. Van Ornum,
Edward Orton, Jr.

Terms of Office Expired in 1906.

John Galbraith,* Charles S. Howe, Walter M. Riggs,*
Frederick P. Spalding,* Henry W. Spangler,* Fred. E. Turneaure,
Herman K. Vedder.

Terms of Office Expired in 1907.

Thomas Gray,* James C. Nagle, William G. Raymond,*
Louis E. Reber, Arthur N. Talbot, Clarence A. Waldo,
Arthur S. Woodward,*

Terms of Office Expired in 1908.

Victor C. Alderson, Arthur H. Ford,* H. P. Talbot,*
Francis C. Caldwell, Henry S. Munroe, A. L. Williston,
Frederick W. Speer.*

Terms of Office Expired in 1909.

Charles F. Burgess, John F. Hayford,* Thomas W. Palmer,
Arthur M. Greene, Jr., Milo S. Ketchum, Joseph A. Thaler,
Henry H. Norris.

Terms of Office Expired in 1910.

Fred W. Atkinson, Walter B. Russell, William S. Franklin,*
Mortimer E. Cooley, William Kent,* Charles F. Scott,
Harold B. Smith.

Terms of Office Expired in 1911.

Lester P. Breckenridge, Lewis J. Johnson, William G. Raymond,*
Thomas Gray,* William T. Magruder, Herman Schneider,
Clarence A. Waldo.

Terms of Office Expired in 1912.

Frederick A. Goetze,* H. Wade Hibbard, Edw. R. Maurer,
Frank H. Constant, John H. Leete,* John C. Ostrup,
Chas. Russ Richards.

Terms of Office Expired in 1913.

C. H. Benjamin,* E. E. Brydone-Jack, John F. Hayford,*
G. W. Bissell, W. H. Creighton, C. Russ Richards,
H. W. Tyler.

Terms of Office Expired in 1914.

J. E. Boyd, F. L. Emory, J. A. L. Waddell,
C. H. Crouch, C. E. Magnusson, A. J. Wood,
H. H. Stoek.*

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* Deceased.

Terms of Office Expired in 1915.

F. L. Bishop,
G. R. Chatburn,
O. P. Hood,
G. D. Shepardson,
F. P. McKibben,
W. B. Snow,
J. C. Tracy,

Terms of Office Expired in 1916.

John F. Hayford,*
M. S. Ketchum,
F. P. Spalding,
A. S. Langsdorf,
H. W. Tyler,
P. F. Walker,*
S. M. Woodward,

Terms of Office Expired in 1917.

R. H. Fernald,
A. H. Fuller,
A. M. Greene, Jr.,
E. V. Huntington,
V. Karapetoff.
D. C. Miller,
W. M. Riggs,*

Terms of Office Expired in 1918.

L. P. Breckenridge,
C. L. Cory,
C. H. Crouch,
O. P. Hood,
J. B. Whitehead.
F. P. McKibben,
G. D. Shepardson,

Terms of Office Expired in 1919.

A. H. Blanchard,
W. H. Browne, Jr.,
T. E. French,
R. W. Gay,
A. A. Potter.
F. G. Higbee,
E. J. McCaustland,

Terms of Office Expired in 1920.

T. U. Taylor,
K. G. Matheson,
C. J. Tilden,
C. F. Scott,
L. M. Hoskins.
Frank Aydelotte,
W. E. Mott,

Terms of Office Expired in 1921.

Frederick Bass,
C. Francis Harding,
O. A. Leutwiler,
C. R. Mann,
W. J. Risley.
J. Raleigh Nelson,
F. L. Pryor,

Terms of Office Expired in 1922.

H. S. Boardman,
F. C. Bolton,
E. F. Coddington,
W. H. Kavanaugh,
W. S. Rodman.
C. C. More,
E. H. Rockwell,

Terms of Office Expired in 1923.

J. F. Merrill,
W. H. Timbie,
R. S. King,
J. H. Felgar,
J. C. Tracy.
L. L. Thurstone,
C. C. Williams,

Terms of Office Expired in 1924.

P. H. Daggett,
J. H. Dunlap,*
M. L. Enger,
J. C. L. Fish,
Morris Knowles.
O. M. Leland,
F. E. Giesecke,

Terms of Office Expired in 1925.

M. W. Alexander,
Edw. Bennett,
H. S. Evans,
E. A. Hitchcock,
G. C. Shaad.
H. J. Hughes,*
C. E. Magnusson,

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* Deceased.

Terms of Office Expired in 1926.

D. S. Anderson,
H. C. Berry,
W. N. Barnard,
F. A. Fish,
E. J. Babcock.*
Hugh Miller,
F. E. Seavey,

Terms of Office Expired in 1927.

W. E. Brooke,
G. M. Butler,
H. H. Jordan,
W. H. Kenerson,
W. E. Wickenden.
E. B. Norris,
Harold Pender,

Terms of Office Expired in 1928.

G. M. Braune,
B. M. Brigman,
W. C. Hoad,
J. A. Hunter,
R. I. Rees.
C. V. Mann,
C. H. Mitchell,

Terms of Office Expired in 1929.

Sada A. Harburger,
W. K. Hatt,
E. R. Hedrick,
J. J. Richey,
S. M. Woodward.
R. A. Seaton,
J. W. Votey,

Terms of Office Expired in 1930.

J. M. Bryant,
S. B. Earle,
S. S. Edmands,
H. P. Hammond,
D. B. Prentice.
A. C. Lanier,
C. M. McKergow,

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* Deceased.